

# 2021 PROFESSIONAL GUIDANCE OF PRODUCTS

SINCE 1998

INVITE YOU TO DEVELOP WITH US TOGETHER

SINCE 1998

Specialized Manufacturer of Intelligent Motors and Control Systems

PROFESSIONAL GUIDANCE OF PRODUCTS

## GUANGDONG A-OK TECHNOLOGY GRAND DEVELOPMENT CO., LTD.

Headquarter: 21st Floor, Bldg. A, Time Square Excellence, Bao'an CBD, Qianhai Bay, Shenzhen, Guangdong, CN  
Add: Hexing Road South side, Sanhe Economic Development Zone, Huiyang, Huizhou, Guangdong, CN  
Http: //www.aoksz.com PC:516200

### Domestic Sales Department:

Tel: 0086-752-5717888 5718666  
Fax: 0086-752-5718327 E-mail: aok@aoksz.com

### Export Sales Department:

Tel: 0086-752-5717888 5718330  
Fax: 0086-752-5718327 E-mail: cnaok5@aoksz.com



www.aoksz.com



Specialized Manufacturer of Intelligent Motors and Control Systems

**We're proud to struggle for The Rise of China's Manufacturing**

—— **A-OK Staff**

**A-OK Brand Meaning:**

A-OK is a complete English word, interpreting perfect, first class. The founder Mr. Tang Zhiwen named the company A-OK, bearing A-OK enterprise's vision and dream. Design and manufacture high quality products, provide excellent service to worldwide customers.



**A-OK**®

**奥科伟业(广东)高新技术产业园**  
A-OK (Guangdong) Hi-tech Industrial Park

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## About Us

Guangdong A-OK Technology Grand Development Co., LTD, established in 1998, is a leading innovator and manufacturer of motorized window treatments and doors control system solutions

After two decades growth, we develop good industrial ecosphere and supply chain, consisting of motors and controllers manufacturing, plastic injection, metal stamping, tooling, rotor & stator manufacturing

A-OK is proud to offer a complete line of tubular motors, curtain motors, venetian motors, window openers and various smart scenes control systems. Every product delivers an intellectual solution that brings precision in motion to both interior furnishing and outdoor applications.

We commit to exceeding customer expectations by providing quality products and services, establishing excellent customer partnerships, developing innovative technologies and remaining a respected name in the window treatments and doors industry.

A new era is coming, A-OK high Tech park now fully go into operation. With 70,000sqm building, we're nurturing a highly competitive 2 billion industrial group with global vision and innovative technologies. Never forget why you started, and your mission can be accomplished.

We sincerely invite you to develop with us!

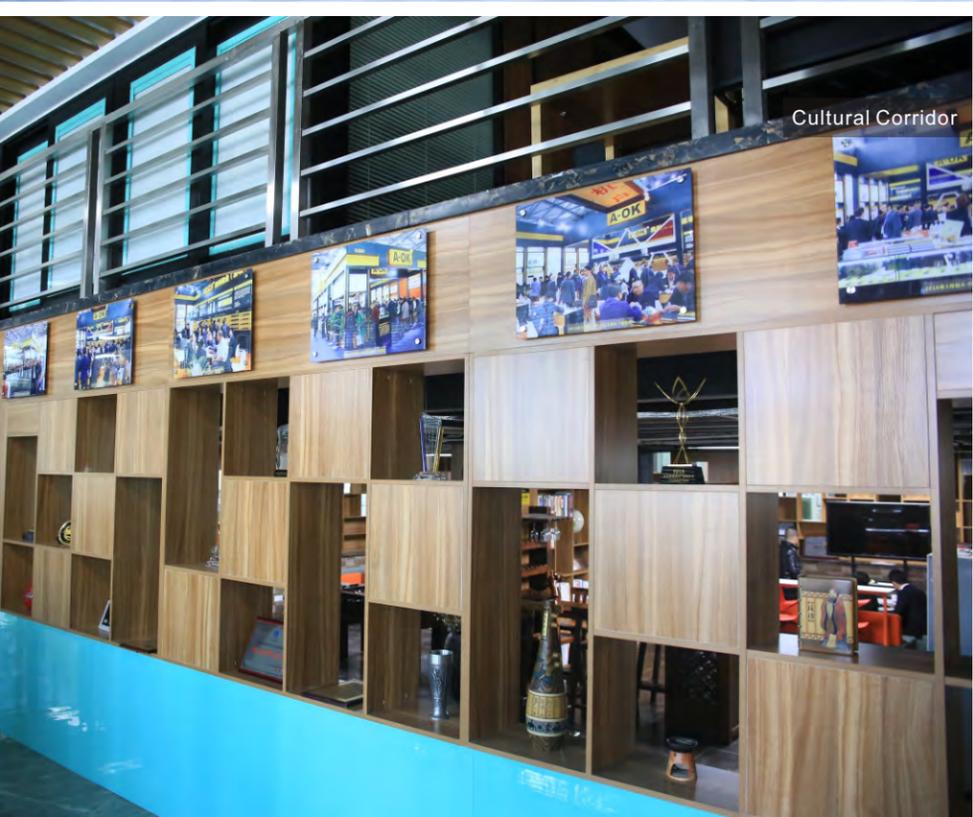




Living & Entertainment Building



Product showcase



Cultural Corridor



Reading Area



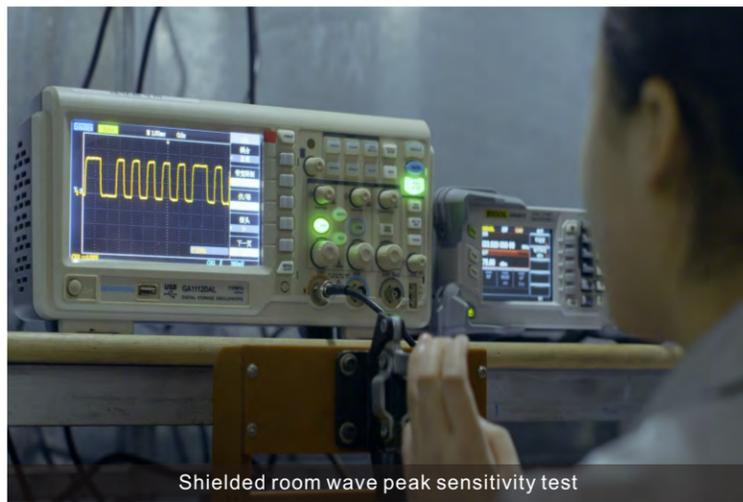
Canteen



Checking PCB



RF radio frequency network analyzer test



Shielded room wave peak sensitivity test



Semi-finished FCT function test

### Create A-OK Elite Team, Build Industry First-class Brand

It's impossible to create brand overnight, but requires elaborate design, crafted manufacturing, gradual improvement and perfection. Therefore, perfection seeking requires meticulousness, will and patience. Perfection seeking is to be responsible for the customers and Markets.

With the conception, A-OK carries specialized management principle, insists on brand development with excellent products and perfect services. With the high professional team and precise production equipments, we are seeking for offering user outstanding and qualified products on every single detail.

### A-OK Quality Principle: High Standard, lean Production, Zero Defect

Our factory executes (SO9001 management system; strictly follow the rules to run the production. We care details, each key component is 100% tested.

Japan FANUC Injection Machine



Precision Mould production Site



Injection Molding Production Site



SMT Workshop



# A-OK Team





# Company Qualification

Quality reflects our attitude. We refuse ordinary, but dedicate to every detail in the process of the design, quality control and production, always struggle for standardization and consistence. We believe this is the only way to convince our customers in every corner of the world. We A-OK people is hard working to be more and more better in every tomorrow.



# Certificates

A-OK products have been certificated of CE, TUV, UL, cTUVus, FCC, CCC, RoHs etc to sell in the worldwide.





**A-OK**

**Integrating modern conception, keeping pace with international market**

Always involving in the market with flexible marketing strategies, all of those are based on customer focus, that mature design and production processing, strictly operation and complete quality management system to ensure the quality and service in the line with international similar products.



# Project Cases



Beijing world Towers



Shenzhen Gemdale Parkway



100 kingkey loo



kempinski Hotel.Guiyeng

贵阳凯宾斯基大酒店  
GUI YANG KAI BIN SHI JI DA JIU DIAN  
P21/22



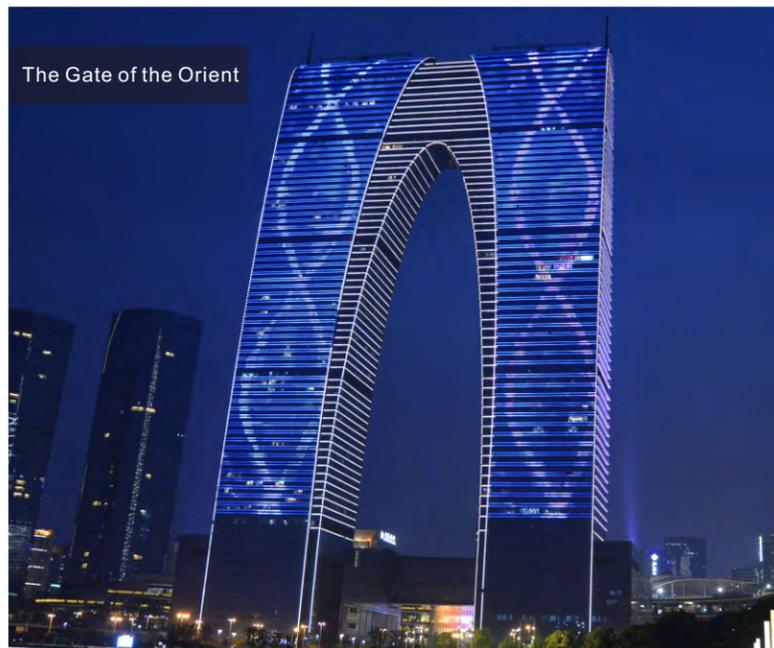
Shanghai Expo. China pavilion



International Concert Center. Hangzhou



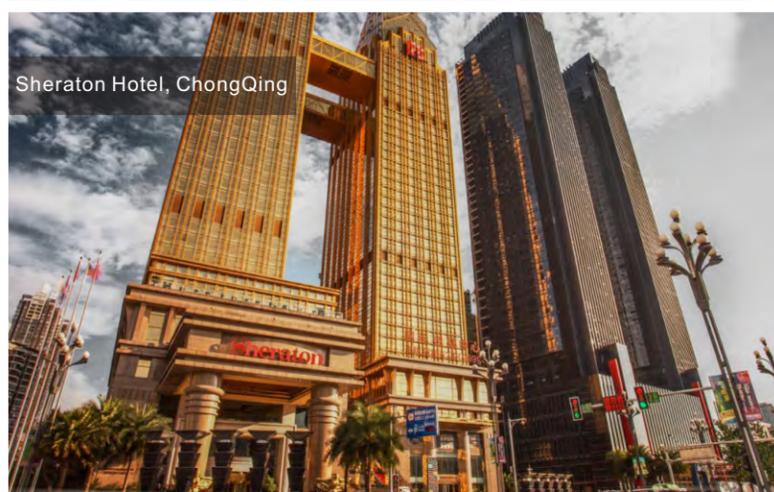
Hangzhou Xiangjianglai Times Center



The Gate of the Orient



Zhangjiakou Cuiyun Mountain Olympic Snow Town (Winter Olympic Games)



Sheraton Hotel, Chongqing



Beijing Great hall



Beijing Bird's nest stadium



SOHO, Beijing Yinhe SoHo



Shenzhen Bay Mansion Project



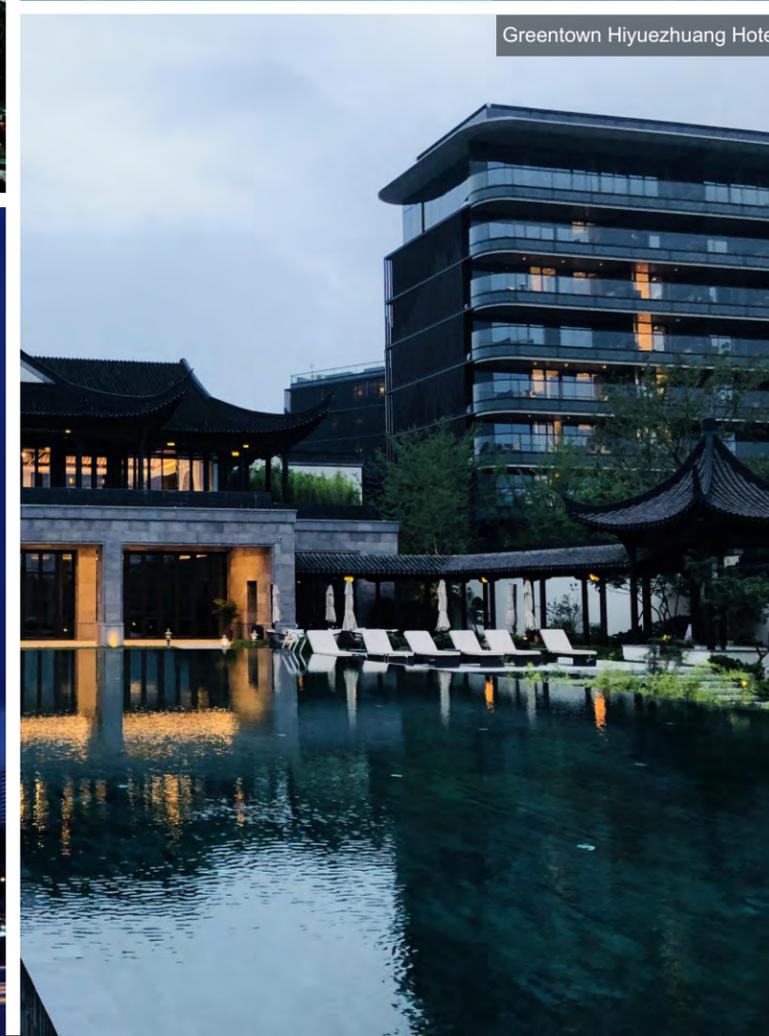
Cosco Shipping Plaza



Sheraton Hotel, Shenzhen



Hengqin Financial Transfer Coal Center Senior Apartment



Greentown Hiyuezhuang Hotel



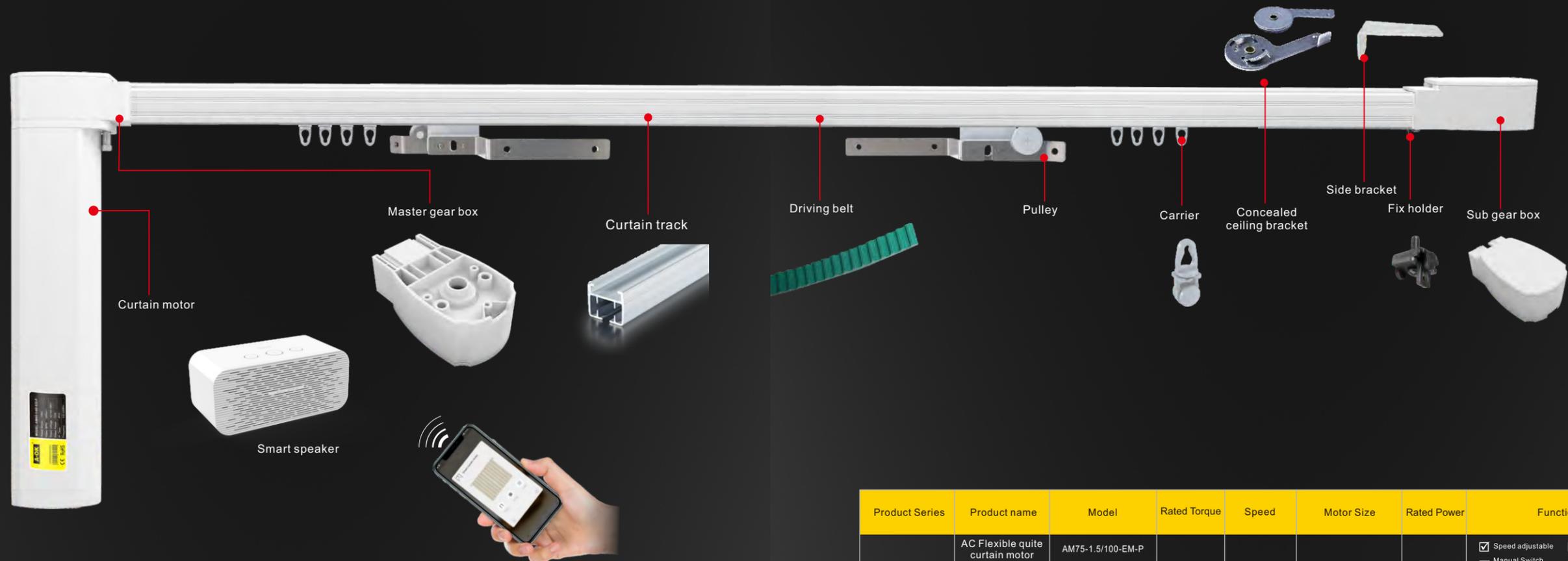
Hilton Hotel, Heyuan

**Classic Product**  
Motorized Curtain System



# Motorized Curtain Solution

## Motorized Curtain | Indoor motorized sun shades solution



## Features



### Flexible, super silent design

The motor applies 3 patented silent technologies, operation noise is low to 30dB. Intelligent soft start and soft stop function enhanced the performance of quiet and flexible.



### Stroke memoried function even power off

The industry's original "flash save" function, the motor will automatically save the current operating information at the moment of power failure. It prevents the curtain track from being pulled indiscriminately during a power off, and the curtain system will not bump left and right when the power is turned on again, which can increase the service life of the track system by 40%.



### Touch to go

The mechanical clutch structure realizes the power-off hand-pulling function. When the power is off, it can be opened and closed by pulling it by hand, like ordinary manual curtains. When the power is on, the curtain can be gently pulled in one direction like 5CM, then the curtains will automatically open or close.



### Stop on block

When the fabric meeting any physical block, the curtain will stop automatically to protect the whole system.



### Support Multiple motors online working

The standard interface supports the online control of multiple motors, and each can be controlled by an external manual switch, and can be connected to a computer for to realize a central control.



### Memory function

The opening and closing stroke points are automatically set, and the best stopping position is easily reserved and memorized. It protects the components from being bumped and causes noise or damage, prolongs the service life of the system, and the stroke has a memory function even a power failure, it is intelligently design.



### Fabric rebound journey correction

When the fabric rebound a little due to compression, the motor will memory the position as the new limit position automatically. The curtain looks natural and more beautiful.



### Third limit position

Besides the running journey limit position, you could also set the third limit position anywhere within the journey. Manage the natural light according to your personal preference. Create a comfortable living environment to live.



### Speed Adjustable

The motor has a speed adjustment button; you could adjust the running speed according to your application.



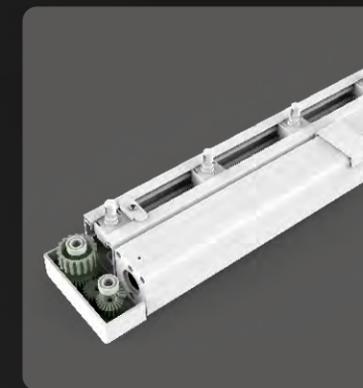
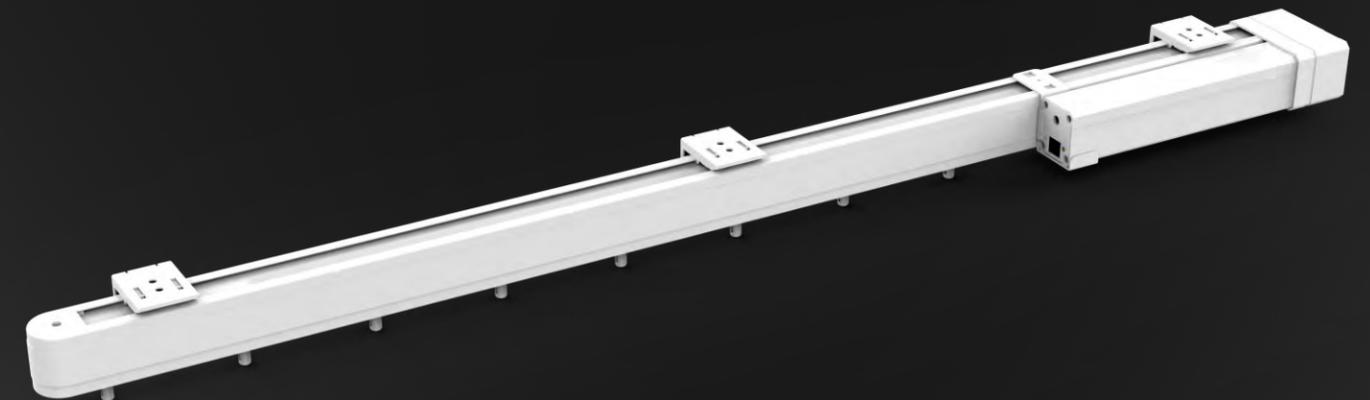
### Various control options

You could choose wireless, wired or RS232/485 communication according to your actual use; wide range of application.

Product Series	Product name	Model	Rated Torque	Speed	Motor Size	Rated Power	Functions	
AM75	AC Flexible quite curtain motor	AM75-1.5/100-EM-P	1.5N.m	16cm/s	316x68x53mm (L) (W) (H)	65W	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Manual Switch function <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Wide Voltage power supply	
	AC strong electric quite curtain motor	AM75-1.5/100-EM-QP						<input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Fabric rebound journey correction <input checked="" type="checkbox"/> Support Multiple motors online working
	5 Wire flexible quiet curtain motor	AM75-1.5/100-EM-GP						
AM95	AC Magnetic levitation motor	AM95-1/100-ML-P	1N.m	16cm/s	215.5x95x56mm (L) (W) (H)	96W	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Wide Voltage power supply <input checked="" type="checkbox"/> Over-voltage protection	
	AC Five wires magnetic levitation motor	AM95-1/100-ML-GP	1N.m	16cm/s	215.5x95x56mm (L) (W) (H)	96W		<input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Manual Switch function <input checked="" type="checkbox"/> Limit settings memory <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Fabric rebound journey correction <input checked="" type="checkbox"/> Support Multiple motors online working
	Built-in lithium battery magnetic levitation motor	AM95-1/100-ES-E	1N.m	16cm/s	215.5x95x56mm (L) (W) (H)	96W		
AM68	AC Flexible silent curtain motor	AM68-1/100-EQ-P	1N.m	16cm/s	316x68x53mm (L) (W) (H)	72W	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Touch motion <input checked="" type="checkbox"/> Wide Voltage power supply <input checked="" type="checkbox"/> High voltage control	
	AC 5 Wire Flexible silent curtain motor	AM68-1/100-EQ-GP	1N.m	16cm/s	316x68x53mm (L) (W) (H)	72W		
	Mechanical AC External curtain motor	AM68-1.5/100-EM-QP	1.5N.m	16cm/s	316x68x53mm (L) (W) (H)	65W		
	AC curtain motor	AM68-1.5/100-EM-P	1.5N.m	16cm/s	316x68x53mm (L) (W) (H)	65W		
	Double Battery curtain motor	AM68-1.5/80-EM-GP	1.5N.m	12cm/s	316x68x53mm (L) (W) (H)	65W		
	Double AC Flexible quite curtain	AM68-2/80-EM-QP	2N.m	12cm/s	316x68x53mm (L) (W) (H)	65W		
	Canopy No clutch curtain motor	AM68-2/80-EC-P	2N.m	12cm/s	316x68x53mm (L) (W) (H)	65W		
	AC 5 Wire Flexible silent curtain	AM68-2/80-EM-GP	2N.m	12cm/s	316x68x53mm (L) (W) (H)	65W		
	AC Flexible quite curtain motor	AM68-2/80-EM-P	2N.m	12cm/s	316x68x53mm (L) (W) (H)	65W		
AM70	AC Flexible quite curtain motor	AM70-1/100-EQ-P	1N.m	16cm/s	Φ70×281.5(L)mm	72W	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Over-voltage protection	
		AM70-2/80-EM-P	2N.m	12cm/s	Φ70×281.5(L)mm	65W		

## ELECTRIC MANUAL OPERATION CONTROL AS YOU LIKE

Remote control, Pull with hands, Wall type switch, Flexibly controlled.



## AMC50 Motorized Vertical Blinds System

### Features

- Brushless DC double motors
- Stepless speed regulation
- Adjustable rotational speed
- Independent dimming
- External dry contact switch
- RS485 function
- Electronic memory limit
- Protect on block
- Applicable to curved rails

### Parameters

Products Model	Rated Torque	Running speed	Radio Frequency	Running Noise	Minimum Width	Maximum Width	Rated Current	Rated Voltage	IP Level	Running Time	Working Temperature
AMC50	1.5Nm	8-12cm/s	433.92MHz	40dB	0.8m	6m	0.8A	14.9W	20IP	>4min	-20°C~+50°C



Convenient installation



Electromotive dimming



Remote control pull with hands wall type switch flexibly controlled



The curtain can be adjusted its angle at any position



The curtain can be stacked as single side or two sides



For heavy curtain like PVC aluminum alloy.



For a variety of curtain type

AM50 is the upgrade product of manual fabric curtain, it is generally used for super wide and long curtains, with exquisite manufacture and elegant appearance. It is a fashionable choice for hotels, conference rooms, business places and modern home furnishing. Double AC silent curtain system has below functions: such as automatic setting memory stroke, support manual operation when power off, stop on block, fabric rebound journey correction, flexible opening and closing, silent design, support multiple motors on line working, long life and so on. There are a number of patented technologies, not only can solve the sun radiation, heat insulation, dazzle and privacy, but also easily for you to create a comfortable, warm, intelligent and convenient living environment.



### Features

 Stop on block function, when it was running against certain resistance it will automatically stop to protect the whole system.

 The motor applies three patented silent technologies, operation noise low to 30dB.



Information feedback function, the two-way communication can be realized through APP to real-time reflect the curtain status.



Various control connectors, RF remote control, dry contact switch, APP central control.



Automatic memory stroke function: when the power is on for the first time, the motor can automatically remember the position of the curtain stroke, and the stroke will still be saved though the power is off.

## Motorized Curtain | Indoor motorized sun shades solution



## AM50 Quiet Curtain Motor

### Parameters

Products Name	Model	Rated Torque	Speed	Safe Load	Rated Voltage	IP Level	Motor Size	Rated Power	Functions
AC Flexible quite curtain motor	AM50-1.2/100-EM-P	1.2N.m	12cm/s	75KG	65W	IP20	320x50x50mm (L) (W) (H)	AC100-240V 50/60Hz	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Adjustable Running Speed</li> <li><input checked="" type="checkbox"/> Stop on block</li> <li><input checked="" type="checkbox"/> Various Control options</li> <li><input checked="" type="checkbox"/> Touch to go</li> <li><input checked="" type="checkbox"/> Wide voltage supply power</li> <li><input checked="" type="checkbox"/> Support multiple motors on line working</li> <li><input checked="" type="checkbox"/> Support manual operation when power off</li> <li><input checked="" type="checkbox"/> Remembered stroke automatically setting</li> <li><input checked="" type="checkbox"/> Flexible super silent design</li> <li><input checked="" type="checkbox"/> Fabric rebound journey correction</li> <li><input checked="" type="checkbox"/> Automatic memory stroke function when the power is off</li> </ul>
AC strong electric quite curtain motor	AM50-1.2/100-EM-QP								
AC 5 Wire flexible quiet curtain motor	AM50-1.2/100-EM-GP								
AC Flexible quite WI-FI curtain motor	AM50-1.2/100-EM-PW								
AC Flexible quite ZIGBEE curtain motor	AM50-1.2/100-EM-PZ								
AC Flexible quite Blue-tooth curtain motor	AM50-1.2/100-EM-PB								



## QUIETER AND TO BE BETTER

New process design, the motor has smooth, fashionable and elegant appearance; it was adopted the silent international patent - helical tooth transmission, to ensure the motor output torque is strong, low noise.



## AM75 Quiet Curtain Motor

AM75 quiet curtain motor core technology is from Germany, its appearance is beautiful, fashion and elegant. It has used well-known brands of DC movement, the motor is without heating, safe and reliable.

### Parameters

Products Name	Model	Rated Torque	Speed	Safe Load	Rated Voltage	IP Level	Motor Size	Rated Power	Functions
AC Flexible quite curtain motor	AM75-1.5/100-EM-P	1.5N.m	18cm/s	75KG	72W	IP20	293x67.5x53mm (L) (W) (H)	AC100-240V 50/60Hz	<ul style="list-style-type: none"> <li>☑ Stop on block</li> <li>☑ Various Control options</li> <li>☑ Touch to go</li> <li>☑ Wide voltage supply power</li> <li>☑ Fabric rebound journey correction</li> <li>☑ Automatic memory stroke function when the power is off</li> <li>☑ Support multiple motors on line working</li> <li>☑ Support manual operation when power off</li> <li>☑ Remembered stroke automatically setting</li> <li>☑ Flexible super silent design</li> </ul>
AC strong electric quite curtain motor	AM75-1.5/100-EM-QP								
AC 5 wire Flexible quiet curtain motor	AM75-1.5/100-EM-GP								
AC Flexible quite WI-FI curtain motor	AM75-1.5/100-EM-PW								



**A-OK intelligent top curtain motor help you enjoy intelligent life even without electricity.**

AM75 quiet curtain motor core technology is from Germany, its appearance is beautiful, fashion and elegant. It has used well-known brands of DC movement, the motor is not easy heat up, safe and reliable. Its ultra low power consumption design, with large capacity power supply of lithium battery, which can attain super long standby time of 4-6 months.



## AM75 External Battery Curtain Motor

### Parameters

Products Name	Model	Rated Torque	Speed	Motor size	Rated Voltage	Rated power	IP class	Functions
AC110-240V input Flexible quiet curtain motor	AM75-1/100-ES	1.5N.m	16cm/s	316x68x53mm (L) (W) (H)	DC14.8V	65W	IP20	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Manual Switch function <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Fabric rebound journey correction <input checked="" type="checkbox"/> Support Multiple motors online working
								<input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Limit settings memory <input checked="" type="checkbox"/> External Lithium battery

Products Name	Model	Product Dimension	Output Voltage	Battery capacity	Voltage of charging	Max Current	Working temp
Lithium Battery	AC702-01	165x85x23mm	DC14.8V	5200mAH	16.8V	4A	-40°C~+85°C



## AM70

### Flexible quiet curtain motor

Am70 quiet curtain motor, with elegant shape and intelligent functionalities, widely applied for the hotels, villas, home and office etc.

#### Features

- ❖ The motor could install on top and down two directions according to your applications.
- ❖ The motor applies three patented silent technologies. Operation noise low to 30dB.
- ❖ Curtain track use special electrophoresis surface treatment. Ensure the synchronous toothed belt runs smoothly inside the track.
- ❖ Each gear box adopts double rolling bearing structure. Ensure the whole system driving steady and silent.
- ❖ Concealed design for ceiling bracket. 304 stainless metal materials are highly anti-rust.

#### Parameters

Products Name	Model	Rated Torque	Speed	Rated power	IP class	Motor size	Rated Voltage	Functions
AC Flexible quiet motor	AM70-2/80-EM-P	2N.m	12cm/s	65W	IP20	Φ70×281.5(L)mm	AC100-240V 50/60Hz	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Over-voltage protection <input checked="" type="checkbox"/> Soft start and soft stop
AC Line Switching flexible quiet motor	AM70-2/80-EM-QP	2N.m	12cm/s	65W				<input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Limit settings memory <input checked="" type="checkbox"/> Memory function <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Fabric rebound journey correction



## AM95

### Magnetic levitation curtain motor

A-OK flexible quiet curtain motor, was inspired by Germany Mercedes-Benz auto engine and vehicle suspension technology, was designed by a master of industrial design. You'll have excellent serene enjoyment due to its unparalleled silent running. All important component toolings and manufacturing technique originate from Toyota's core suppliers. It takes three years to carefully design and manufacture; This product won a number of patents.

#### Features

- ❖ The motor could install on up and down two directions according to your applications.
- ❖ The motor applies three patented silent technologies. Operation noise low to 30dB.
- ❖ Curtain track use special electrophoresis surface treatment. Ensure the synchronous toothed belt runs smoothly inside the track.
- ❖ Each gear box adopts double rolling bearing structure. Ensure the whole system driving steady and silent.
- ❖ Concealed design for ceiling bracket. 304 stainless metal materials are highly anti-rust.

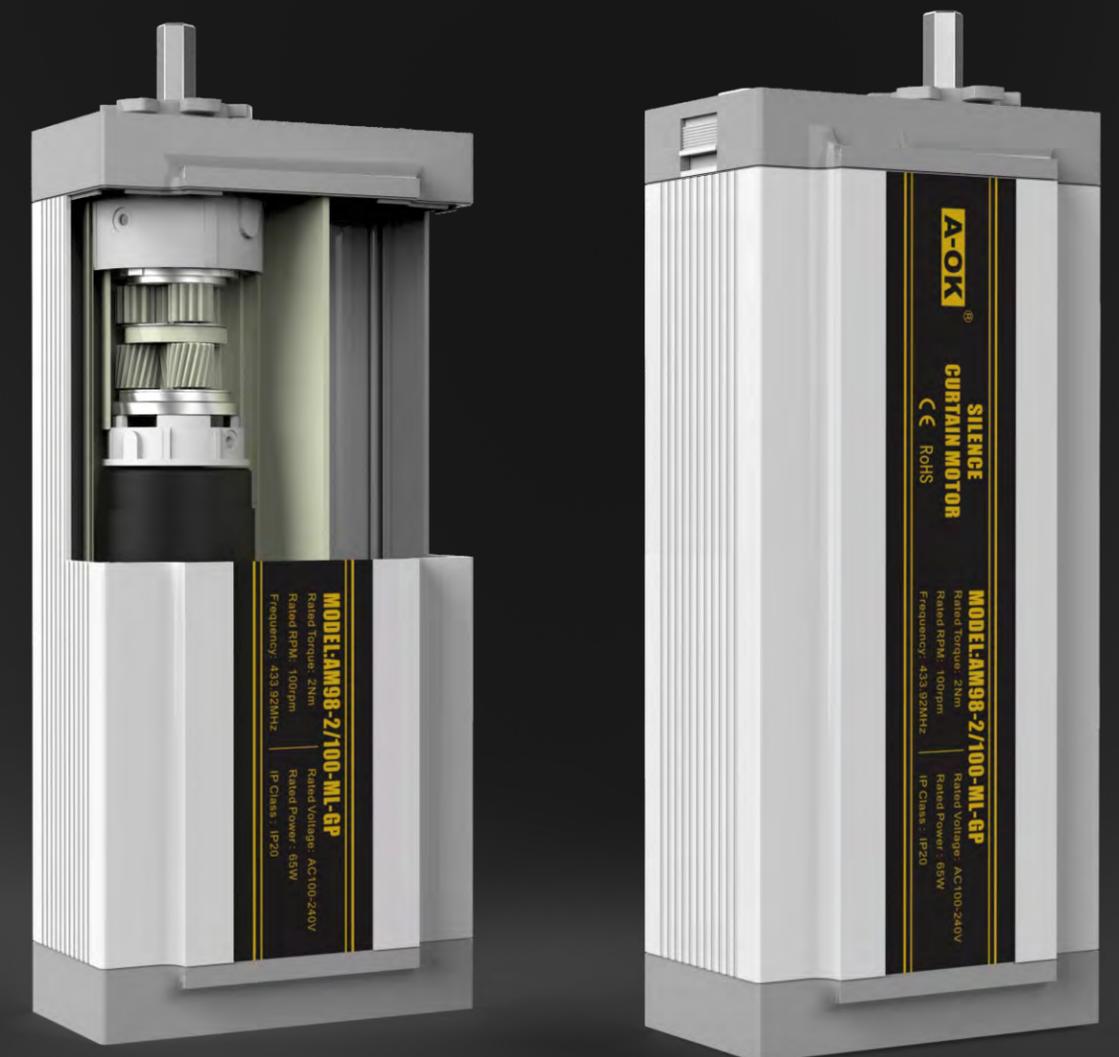
#### Parameters

Products Name	Model	Rated Torque	Speed	Motor size	Rated Voltage	Rated power	IP class	Functions
AC Magnetic levitation motor	AM95-1/100-ML-P	1N.m	16cm/s	215.5×95×56mm (L) (W) (H)	AC100-240V 50/60Hz	72W	IP20	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Wide Voltage power supply <input checked="" type="checkbox"/> Over-voltage protection
AC Five wires control magnetic levitation motor	AM95-1/100-ML-GP				AC100-240V 50/60Hz			<input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Manual Switch function <input checked="" type="checkbox"/> Limit settings memory <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Fabric rebound journey correction <input checked="" type="checkbox"/> Soft start and soft stop



**Completely new technology, Powerfully sell in the market**  
 Magnetic Levitation Quiet Technology/1.5Nm Extra Large Torque/ Whole Sealing Motor Body/ Embedded Intelligent Module

AM98 magnetic levitation flexible and quiet curtain motor, its whole body use the whole sealing shell to ensure high IP Level. The power cable pays upward out to make its system more beautiful.



**AM98**  
 Magnetic levitation curtain motor

**Features**

- ❖ The motor could install on up and down two directions according to your applications.
- ❖ The motor applies three patented silent technologies. Operation noise low to 30dB.
- ❖ Curtain track use special electrophoresis surface treatment. Ensure the synchronous toothed belt runs smoothly inside the track.
- ❖ Each gear box adopts double rolling bearing structure. Ensure the whole system driving steady and silent.
- ❖ Concealed design for ceiling bracket.304 stainless metal materials are highly anti-rust.

**Parameters**

Products Name	Model	Rated Torque	Speed	Motor size	Rated Voltage	Rated power	IP class	Functions
AC Magnetic levitation motor	AM98-1.5/100-ML-P	1.5N.m	16cm/s	257x96x57 mm (L) (W) (H)	AC100-240V 50/60Hz	65W	IP20	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Touch to go <input checked="" type="checkbox"/> Wide Voltage power supply <input checked="" type="checkbox"/> Over-voltage protection <input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Manual Switch function <input checked="" type="checkbox"/> Limit settings memory <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Fabric rebound journey correction <input checked="" type="checkbox"/> Soft start and soft stop
Built-in battery magnetic levitation motor	AM98-1.5/100-ML-GP				AC100-240V 50/60Hz			

## Smart Curtain motor

The connector can quickly connect with ZigBee/Wi-Fi/Z-Wave /RF/ Blue-tooth and other protocols.  
 Stop on block, support manual operation when power off, remembered stroke automatically setting, touch to go.  
 Helical tooth operation noise can be low to 30dB powered lithium battery.

Owner, find out a new curtain please confirm if you need to connect it.

Match different Blue-tooth speakers  
 Intelligent control, easily operate.

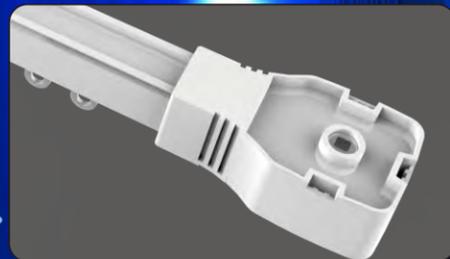
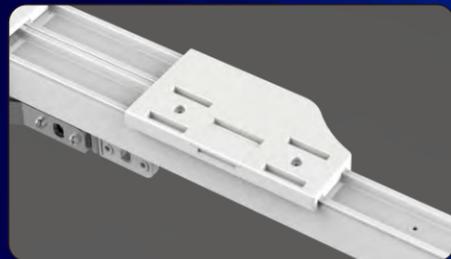
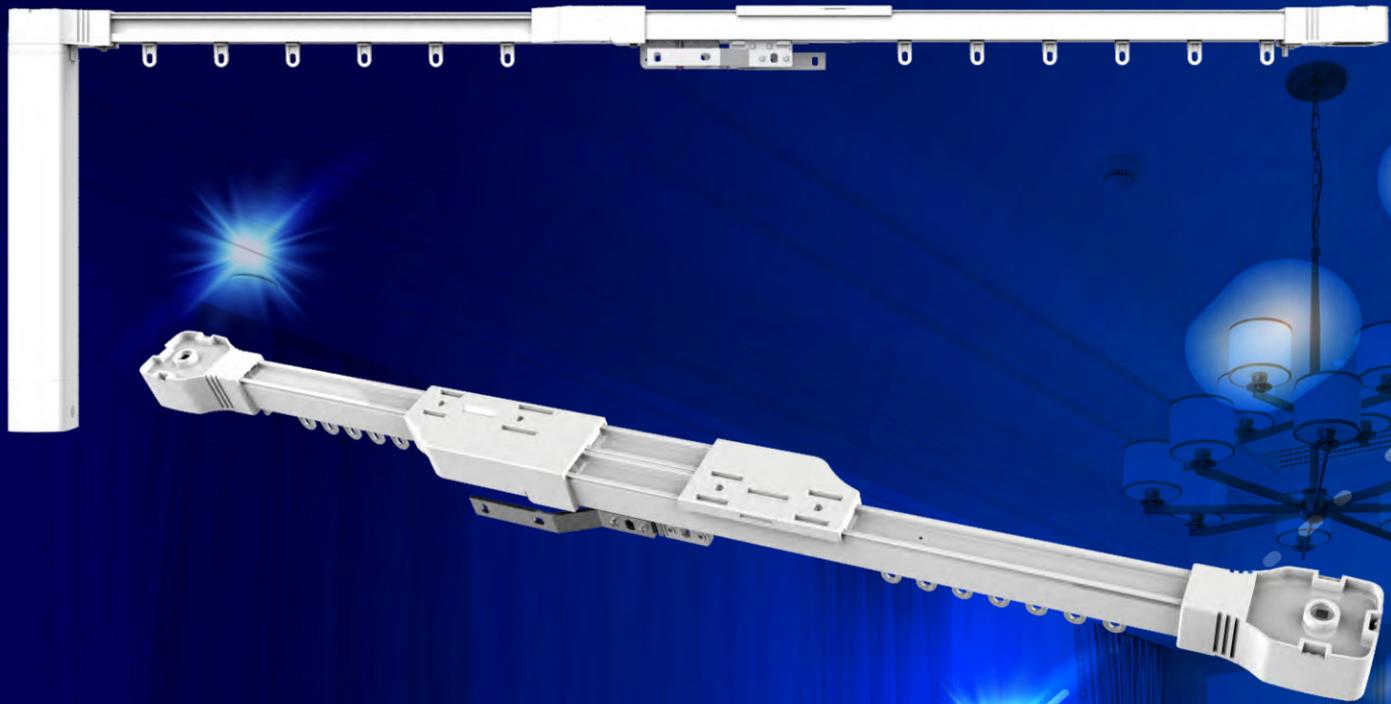
Motorized Curtain | Indoor motorized sun shades solution



## AM68 Quiet Curtain Motor

### Parameters

Products Name	Model	Rated Torque	Speed	Motor size	Rated Voltage	Rated power	IP class	Functions
External lithium battery motor	AM68-1/100-ES	1N.m	16cm/s	281×68×53mm (L) (W) (H)	14.8V DC	65W	IP20	<input checked="" type="checkbox"/> Speed adjustable <input checked="" type="checkbox"/> Group control <input checked="" type="checkbox"/> Stop on block <input checked="" type="checkbox"/> Manual Switch function <input checked="" type="checkbox"/> Various control options <input checked="" type="checkbox"/> Memory function <input checked="" type="checkbox"/> Touch motion <input checked="" type="checkbox"/> Flexible super silent design <input checked="" type="checkbox"/> Wide Voltage power supply <input checked="" type="checkbox"/> Fabric rebound journey correction <input checked="" type="checkbox"/> High voltage control <input checked="" type="checkbox"/> Third limit position
AC Flexible silent curtain motor	AM68-1/100-EQ-P	1N.m	16cm/s	316×68×53mm (L) (W) (H)	100-240V AC 50/60Hz	72W		
AC 5 Wire Flexible silent curtain motor	AM68-1/100-EQ-GP	1N.m	12cm/s			72W		
Mechanical AC External curtain motor	AM68-1/80-EQ-PW	1N.m	12cm/s			72W		
Mechanical AC External curtain motor	AM68-1.5/100-EM-QP	1.5N.m	16cm/s			65W		
AC curtain motor	AM68-1.5/100-EM-P	1.5N.m	16cm/s			65W		
Double Battery curtain motor	AM68-1.5/80-EM-GP	1.5N.m	12cm/s			65W		
AC Flexible quite curtain motor	AM68-2/80-EM-P	2N.m	12cm/s			65W		
Canopy No clutch curtain motor	AM68-2/80-EC-P	2N.m	12cm/s			65W		
Double AC Flexible quite curtain motor	AM68-2/80-EM-QP	2N.m	12cm/s			65W		
AC 5 Wire Flexible silent curtain	AM68-2/80-EM-GP	2N.m	12cm/s			65W		



## Super quiet design

Operation noise is low to 30dB

Electric curtain motor expansion rail is a kind of intelligent and scalable enough in the specified range, so as to meet the requirements of curtain to be shaded without any specific measurement of the width of the window. It solves the door-to-door service to measure the specific window size and cut the curtain rail and the other work in the sales process, to save the labor and time cost, or the length deviation in the cutting process leads to the materials waste, which has great practical significance.

### AM50 Quiet curtain motor smart expansion rail



Flexible scalability for different window sizes



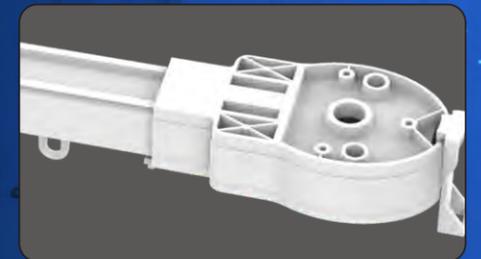
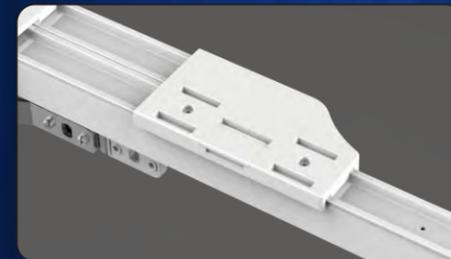
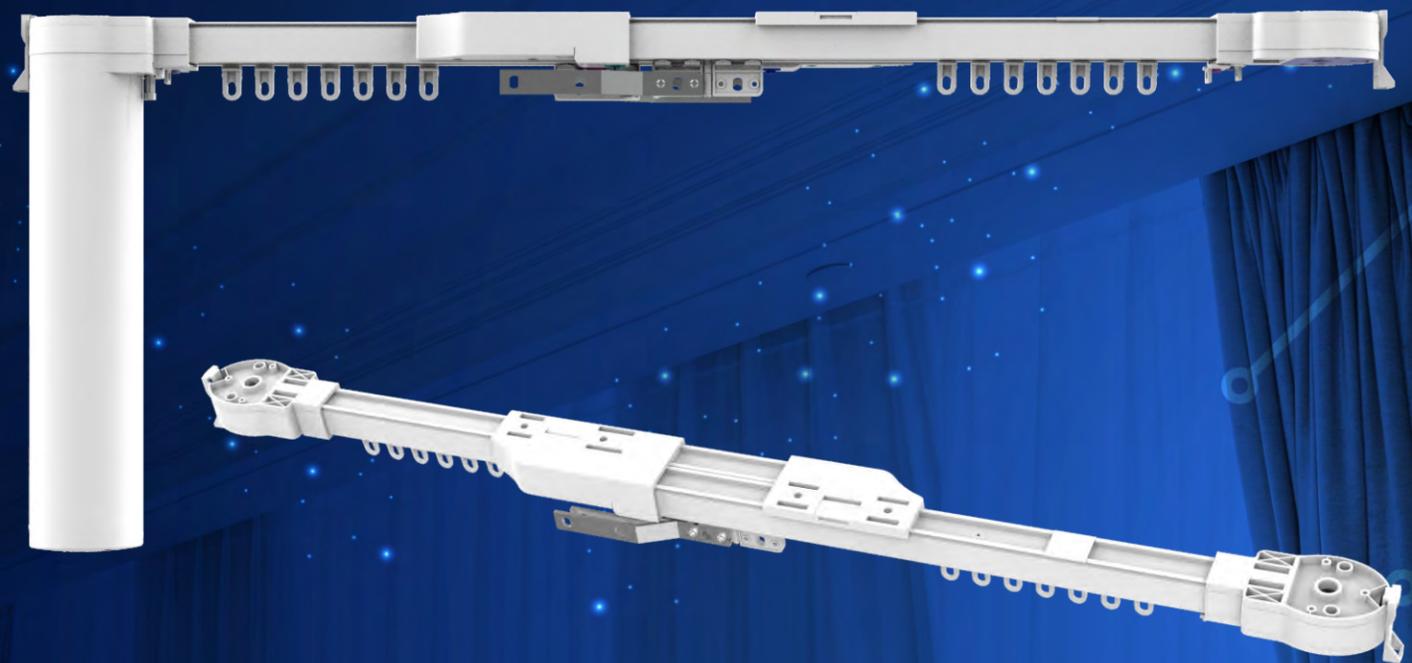
Cooperate with curtain intelligence



To save the labor and time cost in door-to-door service



To avoid measurement deviation and rework



## Super quiet design

Operation noise is low to 30dB

Electric curtain motor expansion rail is a kind of intelligent and scalable enough in the specified range, so as to meet the requirements of curtain to be shaded without any specific measurement of the width of the window. It solves the door-to-door service to measure the specific window size and cut the curtain rail and the other work in the sales process, to save the labor and time cost, or the length deviation in the cutting process leads to the materials waste, which has great practical significance.

### AM68 Quiet curtain motor smart expansion rail



Flexible scalability for different window sizes



Cooperate with curtain intelligence



To save the labor and time cost in door-to-door service



To avoid measurement deviation and rework

**System Solutions**  
Clothes Rack System



# ULTRA-THIN FASHIONV

DESIGN AND MANUFACTURING EXPERT OF CORE  
COMPONENTS FOR CLOTHES RACK



DC motor silent technology

Turbine shaft self-locking  
brake technology

Unique reel stuck technology

Winding technology  
of rope reel



## AMC-10/18

Motorized clothes rack drive

### Features

- ❖ All loads are with standard connectors, easy to install;
- ❖ It can set upper and lower limit ,With dual protection for a resistance stop;
- ❖ Over-load protection;
- ❖ It can connect a external LED strip, Visualized operation, the status is clear at a glance;
- ❖ Integrated components, more convenient for installation;
- ❖ With blocking stop structure, more sensitive and reliable;
- ❖ It can set Upper and Lower limit at any position .

### Parameters

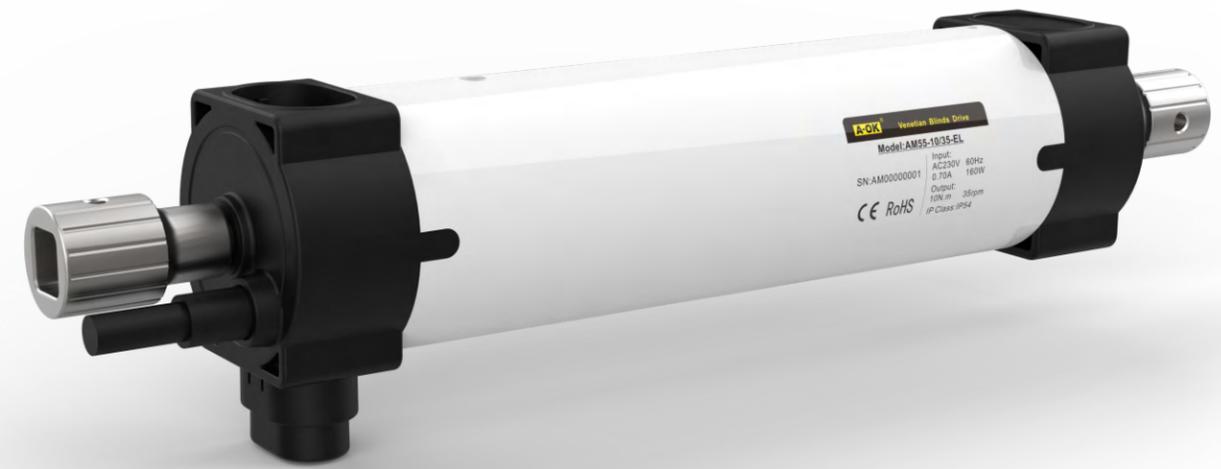
Model No.	Rated voltage	Working temperature	Working power consumption	Receiving Frequency	Receiving sensitivity	Maximum Remote Number	Control method	Size	Lifting weight	Load lifting Time (40KGS Loading lift 1.5meters)
AMC-10/18	230V/50HZ	-40°C~85°C	≤2000W	433.92MHz	-110dBm	Single way ≤20	Remote	270×170×53mm	20kg	45S



**Classic product**

Venetian Blinds Drive  
Window Motor Series





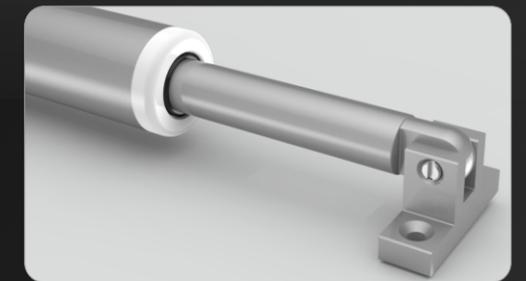
## AM55 Venetian Blinds Drive

### Features

- ✦ AC power supply, adapt to strong current direct control
- ✦ Leading quiet technology, Helical super silent structure design, noise value below 55dB
- ✦ Double driving shaft for stronger torque output
- ✦ Electronic limit, to set the Journey by the setting switch
- ✦ Wire with external manual switch to manually operate UP, STOP, DOWN
- ✦ Overload protection function; prolong the lifetime of the blind system
- ✦ Emergency stop switch for security operation Available for upward and downward installation

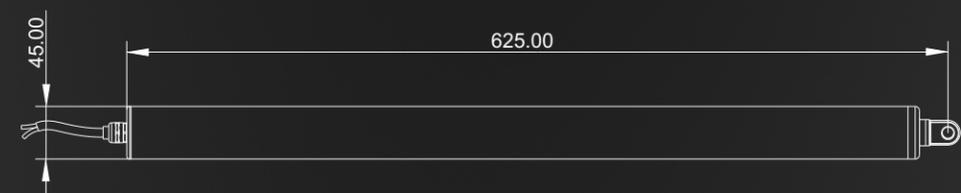
### Parameter

Model No	Rated Voltage	Rated Power	Rated Torque	Rated RPM	Working Temperature	Tube Length A	IP Class
AM55-10/35-EL	230V/50Hz or 120V/60Hz	160W	10N.m	35rpm	-20°~+55°	187mm	IP54
AM55-6/35-MEL	230V/50Hz or 120V/60Hz	120W	6N.m	35rpm	-20°~+55°	177mm	IP54
AM55-10/35-MEL	230V/50Hz or 120V/60Hz	160W	10N.m	35rpm	-20°~+60°	187mm	IP54



## AM45 DC Linear window opener

Motor Size



### Features

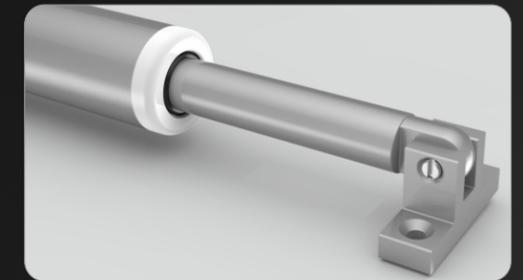
- ❖ DC24V safety voltage, energy conservation and environmental protection
- ❖ Distance can be customized from 0-1000MM
- ❖ Stop function in case of obstruction
- ❖ Fire control box can be connected to realize fire linkage function
- ❖ The integrated design of outer tube enhances the strength of the motor
- ❖ Maximum push and pull force of 2000N, strong power
- ❖ High IP65 class protection
- ❖ Access to the intelligent control box, can achieve remote control

### Parameter

Model No.	Rated Voltage	Push/Pull Force	Speed	Running Trip	Temp	Size	IP Class
AM45-D2000N-300mm	DC24V	2000N/2000N	6mm/s	300-1000mm	-20°C~+55°C	625×45×45 mm	IP65



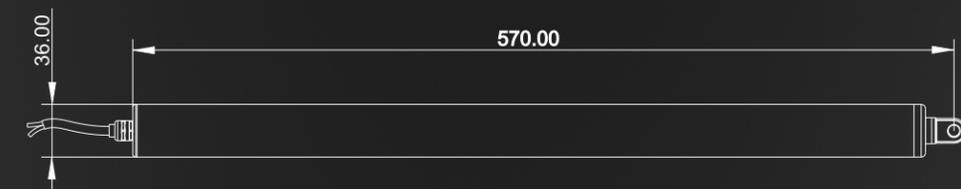
Linear motors are widely used for top-hung window, hopper window, casement window, sash window and The roof skylight in airports, hotels, exhibition center, conference center, gym, opera house, science and technology museum, shopping center, greenhouse garden, industrial workshop, warehouse, other public places and villas, sunshine room, ordinary residential. After connecting with the fire control box, it can realize the fire linkage function, and connect with the intelligent controller to realize the intelligent control including timing and long-range opening or closing.



## AM36

### DC Linear window opener

Motor Size



#### Features

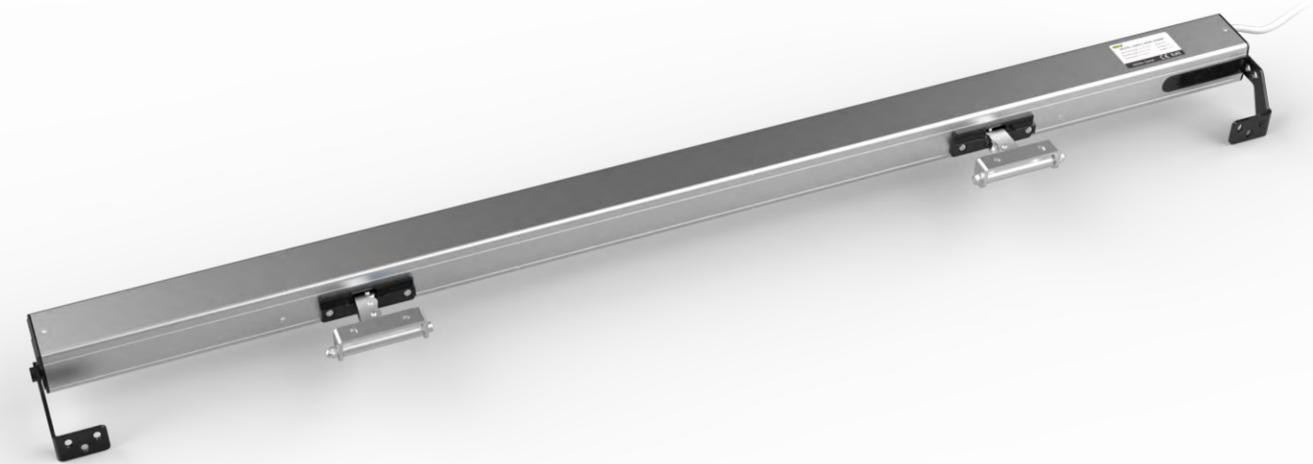
- ❖ DC24V safety voltage, energy conservation and environmental protection
- ❖ Distance can be customized from 0-1000MM
- ❖ Stop function in case of obstruction
- ❖ Fire control box can be connected to realize fire linkage function
- ❖ The integrated design of outer tube enhances the strength of the motor
- ❖ Maximum push and pull force of 800N, strong power
- ❖ High IP65 class protection
- ❖ Access to the intelligent control box, can achieve remote control

#### Parameter

Model No.	Rated Voltage	Push/Pull Force	Speed	Running Trip	Push/Pull Speed	Temp	Size	IP Class
AM36-D800N-300mm	DC24V	800N/800N	10mm/s	300-1000mm	load 6mm/s No Load 8mm/s	-20°C~+55°C	566×36×36 mm	IP65



Electronic double-chain motor is widely used for motorized sliding sash, casement and skylight window etc, particular for high place where is hard to manual operation, works with different kinds of automation control systems like smoke detector and temperature detector, it would be easy to operate the windows open and close automatically.



## AM56 Standard Electric Window Opener

### Features

- ❖ Aluminum housing with sand blast treatment, fully reflect A-OK product texture and design style;
- ❖ The covers are zinc alloy die castings, and brackets are stainless steel 304;
- ❖ Distance can be customized from 300-1000MM, the protection stops when the limit switch is triggered;
- ❖ Simple installation and disassembly, more easy-to-go design;
- ❖ Stop function in case of obstruction to protect the motor operation;
- ❖ Stop function in case of closing-obstruction to prevent the window can't close in place.

### Parameter

Model No.	Rated Voltage	Push/Pull Force	Speed	Running Trip	Window Width	Rated Power	Temp	Size	IP Class
AM56-D800N-400mm	DC24V	800N/800N	10mm/s	400mm	1.2~2.5m	50W	-20°C~+85°C	1093×42×80 mm	IP32



Electronic chain motor is widely used for motorized sliding sash, casement and skylight window etc, particular for high place where is hard to manual operation, works with all kinds of remote control and realizes automation operation.



## AM56 Standard Electric Window Opener

### Features

- ✦ Aluminum housing with sand blast treatment, fully reflect A-OK product texture and design style;
- ✦ The covers are zinc alloy die castings, and brackets are stainless steel 304;
- ✦ Distance can be customized from 300-1000MM, the protection stops when the limit switch is triggered;
- ✦ Simple installation and disassembly, more easy-to-go design;
- ✦ Stop function in case of obstruction to protect the motor operation;
- ✦ Stop function in case of closing-obstruction to prevent the window can't close in place;
- ✦ RF built-in antenna, better rain sensing function;
- ✦ RF antenna and rain sensor combined design.

### Parameter

Model No.	Rated Voltage	Push/Pull Force	Speed	RF frequency	Window Width	Rated Power	Temp	Size	IP Class
AM56-L250N-400mm	100-240V AC	400N	10mm/s	868.3MHz/FSK	0.47~1.5m	28W	-20°C~+75°C	460X42X55 mm	IP42



PROG button  
Indication light  
Distance adjustment knob



## AM56 Receiver Built-in Chain Window Opener

### Features

- ❖ 100-240V AC power input, suitable for global wide voltage standards
- ❖ To change the journey through the knob, the range is from 100mm to 400mm
- ❖ Installing at window width min. 470mm.
- ❖ More than 10,000 times of running.
- ❖ Double layers stainless chain makes smoothly and stable running.
- ❖ Aluminum casing is with high level surface treatment, end covers and brackets are in zinc alloy material.
- ❖ Double fireproof ABS internal casing, POM material track for chain make motor silent and safe.
- ❖ Easy to install and take down

### Parameter

Model No.	Rated Voltage	Push/Pull Force	Speed	Running Trip	Window Width	Rated Power	Frequency	Temp	Size	IP Class
AM56-LE250N-400mm	AC100-240V	250N/250N	10mm/s	100~400mm	0.47~1.5m	28W	433.92MHz	-20°C~+75°C	460X42X55 mm	IP42



PROG button  
Indication light  
Distance adjustment knob



## AM56 DC Window Opener

### Features

- ❖ 100-240V AC power input, suitable for global wide voltage standards
- ❖ To change the journey through the knob, the range is from 100mm to 400mm
- ❖ Installing at window width min. 470mm.
- ❖ More than 10,000 times of running.
- ❖ Double layers stainless chain makes smoothly and stable running.
- ❖ Aluminum casing is with high level surface treatment, end covers and brackets are in zinc alloy material.
- ❖ Double fireproof ABS internal casing, POM material track for chain make motor silent and safe.
- ❖ Easy to install and take down

### Parameter

Rated Voltage	Push/Pull Force	Speed	Running Trip	Window Width	Rated Power	Temp	Size	IP Class
DC 24V	250N/250N	10mm/s	100~400mm	0.47~1.5m	28W	-20°C~+75°C	460X42X55 mm	IP42

**Classic Product**  
Smart Home Automation Series



DESIGNER  
ARCHITECTURE

## AC520-01 Smart home hub

RF Intelligent Hub can communicate with hundreds of devices including motorized clothes rack, shades, roller shutters, air conditioners, TV etc.

- Appliance interconnection experience
- Multi-protocol, multi-modulation supported
- Support more than 95% of infrared device on the market
- Standard, customizable and extendable intelligent interaction
- Stable and safety, support concurrent smart cloud services



### Parameter

Dimension	Radio Standard	Frequency	Radio frequency modulation	Control distance	Working temp	Transmitting power	Infrared frequency
110×110×31mm	WIFI 2.4GHz 802.11b/g/n	433.92MHz	10A 2000W	open area 300m	-20-55°C	<0.5W	20-60KHz



## AC520-02 WI-Fi Gateway

### Features

- Experience upgrading from product island to Internet interconnection
- Safe and stable intelligent cloud service that supports tens of millions of concurrency
- Standardized, customizable and scalable intelligent interaction

### Parameter

Model No	Size	RF receiver frequency	Rated Current	Modulation	The power supply mode	Temp	Rated Voltage
AC520-02	70.5×70.5×26.5mm	433.0~433.92MHz	<300mA	ASK/FSK	5V/1A adapter	-20°C~+55°C	Max20dbm

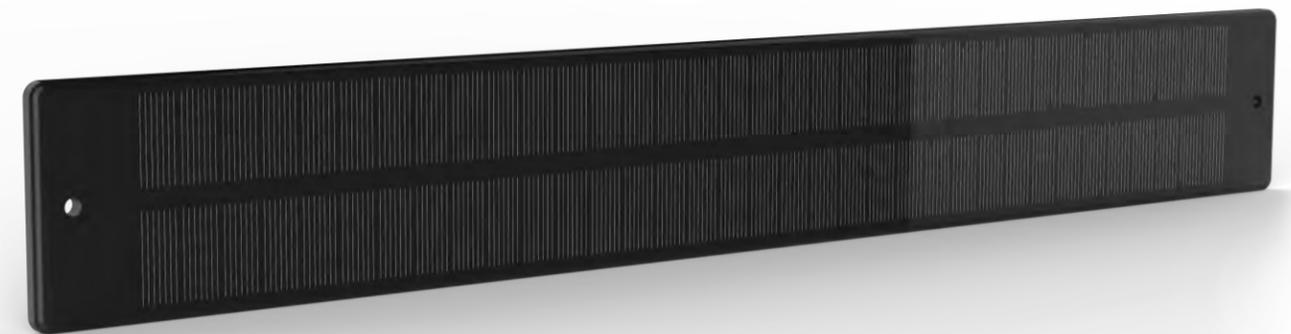


Environment-friendly  
& Energy-saving



**Classic Product**  
Solar & Sensor Solution





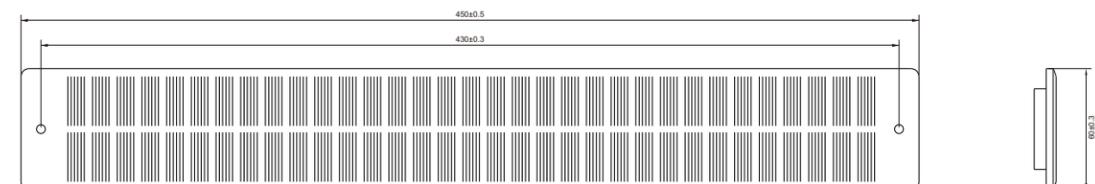
## AC605-01 Solar Panel

It is made by monocrystalline silicon with simple design, small size, light and easy for installation, high light-to-electricity transferability is good for charging lithium battery products.

### Features

- ❖ Light-to-electricity transferability is over 19%
- ❖ Pouring sealant for production, anti-UV material for cable
- ❖ Adhesive tape or screw type installation for optional

### Size



Model	Rated Power	Rate Voltage
AC605-01	3.5W	18 V



## AC603-01

### Battery and Receiver Built-in Solar Panel

#### Features

AC603-01 Solar panel integrated amorphous silicon solar panel, rechargeable lithium battery, remote control receiver, is suitable for all AM35 and below AM35 DC tubular motors

The main advantage of amorphous silicon solar panels is that they can also generate electricity under weak light conditions. The external solar panels or battery wand are used for power supply, which can be applied to places with inconvenient power supply. There is no need for additional cables, which can save construction costs and effectively solve the problem of no pre-reserved power supply. The conversion of solar energy into electric energy is environment friendly and energy saving, to achieve the recycling of resources.

#### Parameter

Model No	Built-in lithium battery	Power of solar panel	Voltage of solar panel	RF receiver frequency	Modulation
AC603-01	8.4V/2600mAh	1.5W	12V DC	433.92MHz	ASK



## AC601-01

### Solar Panel

Environment friendly and energy saving is an important symbol of modern low-carbon intelligent life. AC601-01 adopts amorphous silicon material, which can convert weak light into electric energy, suitable for indoor use. It can work with AM25 lithium battery motor series.

#### Features

- ◆ Simple and fashionable appearance, beautiful and generous;
- ◆ PVC film packaging process of amorphous silicon panels;
- ◆ Aluminum alloy frame with high strength, strong resistance to mechanical impact;
- ◆ Easy installation, optional glue installation and screw installation, flexible and convenient.

#### Parameter

Model No	Power	Open circuit voltage	Short circuit current	Working Voltage	Working Current	Battery chip size	Test Condition
AC601-01	1W(±5%)	18V	0.095A	12V	0.08A	375 x 50(±0.3) x 3.2mm	AM1.5, 1000W/m <sup>2</sup> , 25°C



### AC302-01

#### Solar Power Radio Wind/Light Sensor

**Features**

- ❖ Powered by solar panel, energy saving and environment-friendly;
- ❖ UV resistance housing, suitable for outdoor application;
- ❖ Flexible structure design for wind sensor part to ensure the high sensitivity;
- ❖ Auto checking the wind, light value transmitting to main controller for proper function;
- ❖ Available to set the sensitivity according to the weather or climate, flexibility in setting the wind level and light intensity and the amount of rain to achieve optimum conditions;
- ❖ 1~9 levels setting for wind, light and rainfall situation;
- ❖ When sun ray intensity reaches the set value, the awning will automatically open;
- ❖ When wind intensity reaches the set value, the awning will automatically close;
- ❖ Compatible with all kinds of A-OK control system;
- ❖ Suitable for electric awning and electric shutter and others.



**Parameter**

Model No	Working Voltage	Working Temp	Frequency	Transmit Power	IP Class	Modulation
AC302-01	Solar panel +DC 3.7V lithium battery	-20°C ~ +55°C	433.92MHz	≤10mW	IP55	ASK

### AC302-02

#### AC Power Supply Radio Wind/Light Sensor

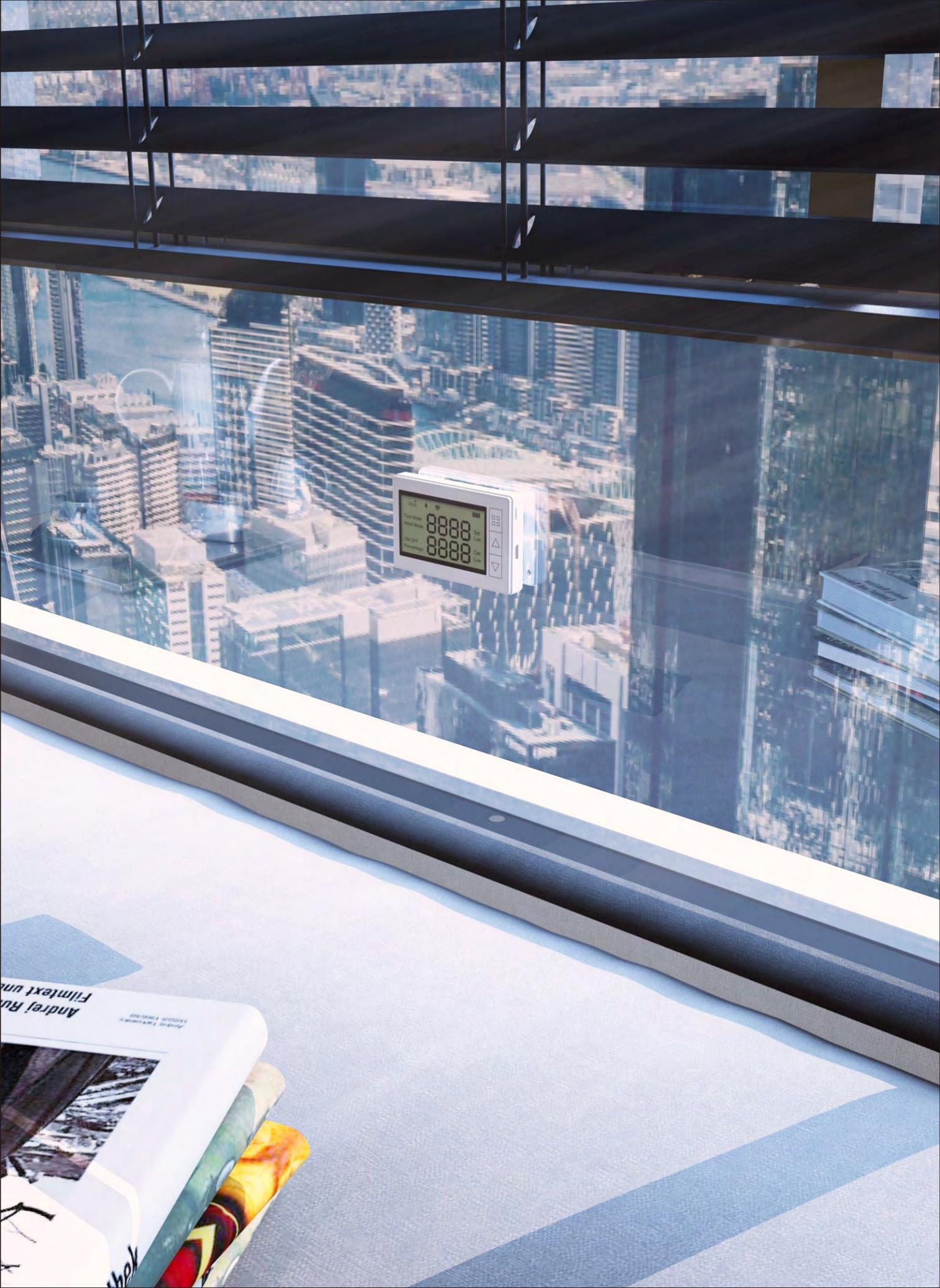
**Features**

- ❖ UV resistance housing, suitable for outdoor application;
- ❖ Flexible structure design for wind sensor part to ensure the high sensitivity;
- ❖ Auto checking the wind, light value transmitting to main controller for proper function;
- ❖ Available to set the sensitivity according to the weather or climate, flexibility in setting the wind level and light intensity and the amount of rain to achieve optimum conditions;
- ❖ 1~9 levels setting for wind, light and rainfall situation;
- ❖ When sun ray intensity reaches the set value, the awning will automatically open;
- ❖ When wind intensity reaches the set value, the awning will automatically close;
- ❖ Compatible with all kinds of A-OK control system;
- ❖ Suitable for electric awning and electric shutter and others.



**Parameter**

Model No	Working Voltage	Working Temp	Frequency	Transmit Power	IP Class	Modulation
AC302-02	AC230V 50/60Hz; AC120V 60Hz	-20°C ~ +55°C	433.92MHz	≤10mW	IP55	ASK



## AC131-01 Light Sensor

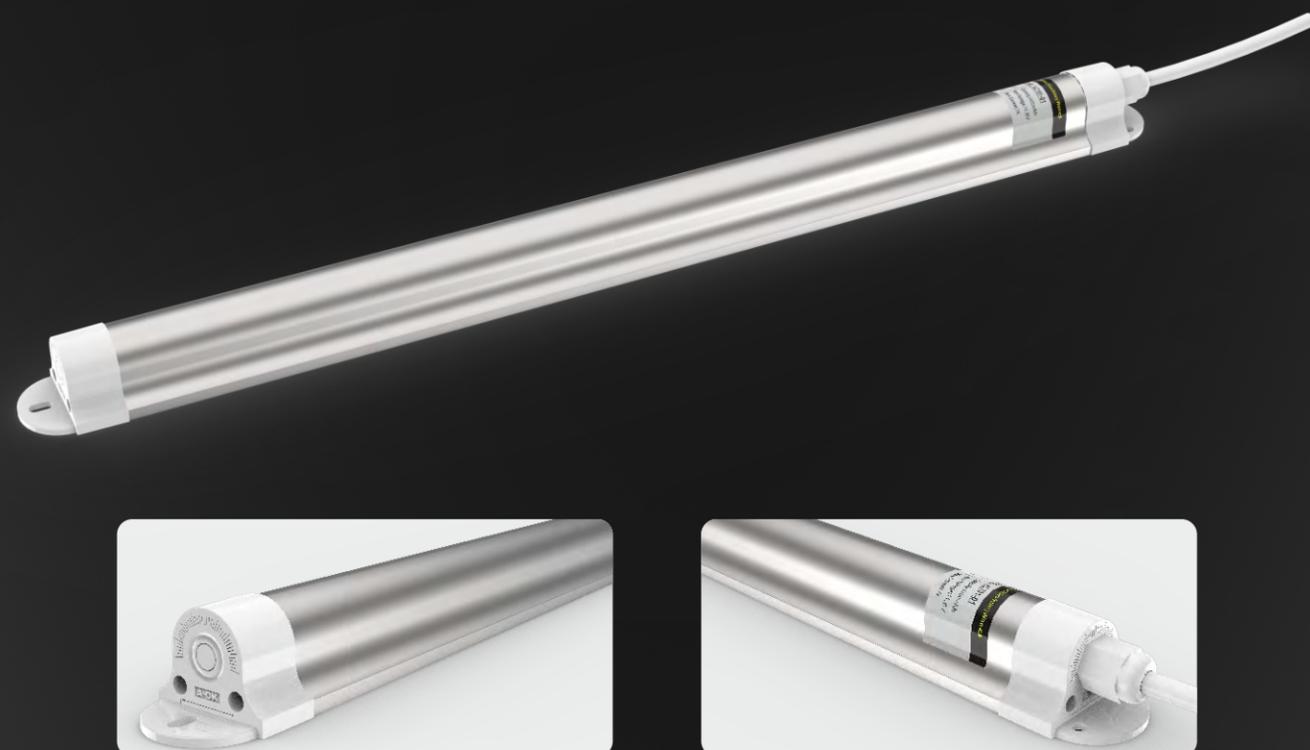
The solar panel on the back is energy saving and environment friendly. While using the battery can also be charged to ensure that the light sensor will never lose power. Compatible with all A-OK products. With manual control button, support all functions of the handheld remote functions.

### Features

- ❖ Built-in solar panel, energy saving and environment-friendly, while using the battery can also be charged;
- ❖ USB port for recharging from electricity charger;
- ❖ Vibration detection with warning helps to remind user to check their window for safety;
- ❖ Power ON/OFF design to save battery;
- ❖ Testing mode and working mode for optional, testing mode is mainly for demonstration;
- ❖ Summer mode and Winter mode for optional;
- ❖ Compatible with all A-OK radio receivers

### Parameter

Model	Battery Capacity	Rated Current	RF Frequency	Transmit Power	Recharging Voltage	Modulation	Charger	Recharging Port
AC131-01	150mAh/3.7V	< 10uA	433.92MHz	< 10dBm	DC5V	ASK	5V/1A	Mirco USB



## AC701-01 External Lithium Battery Wand

Rechargeable lithium battery wand, with built-in lithium battery, is convenient for charging. It is mainly used with solar panels and DC motors. Compatible with all A-OK receiver system.

### Features

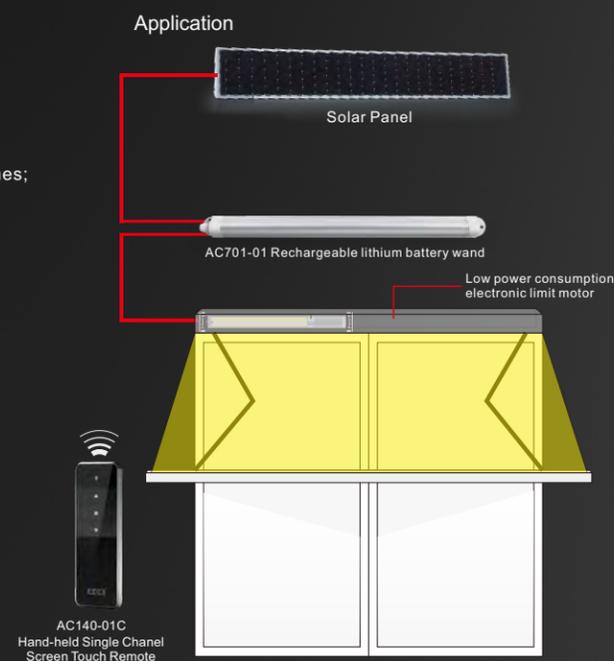
- ❖ Mainly work with solar panel, AM35 DC tubular motor;
- ❖ Built-in 14.8V 4400mAh lithium battery, can cycle charge and discharge 500 times;
- ❖ Charged by electricity charger or solar panel;
- ❖ It will take 6 hours for charging fully;
- ❖ Full charged supports 160 times of motor running;
- ❖ IP65 waterproof, suitable to install outside.

### Size



### Parameter

Product Model	Working Voltage	Working Current	Capacity	Working Temp
AC701-01	DC 14.8V	7A	4400mAH	-20°C ~ +55°C



## AC124-01 Radio Safety Edge Sensor

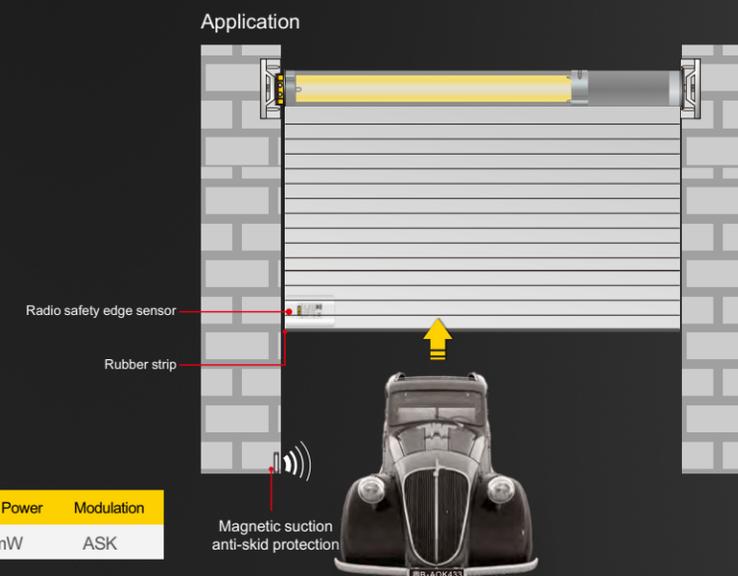
Exquisitely shaped, the device is connected with the rubber strip inside the bottom beam of the garage door. When the garage door encounters obstacles in the process of moving down, the rubber strip transmits the signal to the sensor, and the sensor automatically transmits the signal to the main controller, so that the garage door stops and then retracts automatically.

### Features

- ❖ Exquisitely shaped;
- ❖ Waterproof design, IP65 Class;
- ❖ Anti-pry protection function;
- ❖ Rebound/stop is optional;
- ❖ Low voltage alarm;
- ❖ Compatible with all A-OK radio receivers;
- ❖ CR2032 button battery, easy to install and purchase;
- ❖ Ultra low standby power consumption design, the battery life can be up to 2-3 years

### Parameter

Model No.	Battery Model	Working Temp	RF Frequency	Transmit Power	Modulation
AC124-01	CR2032(3V)	-20°C~+55°C	433.92MHz	≤10mW	ASK

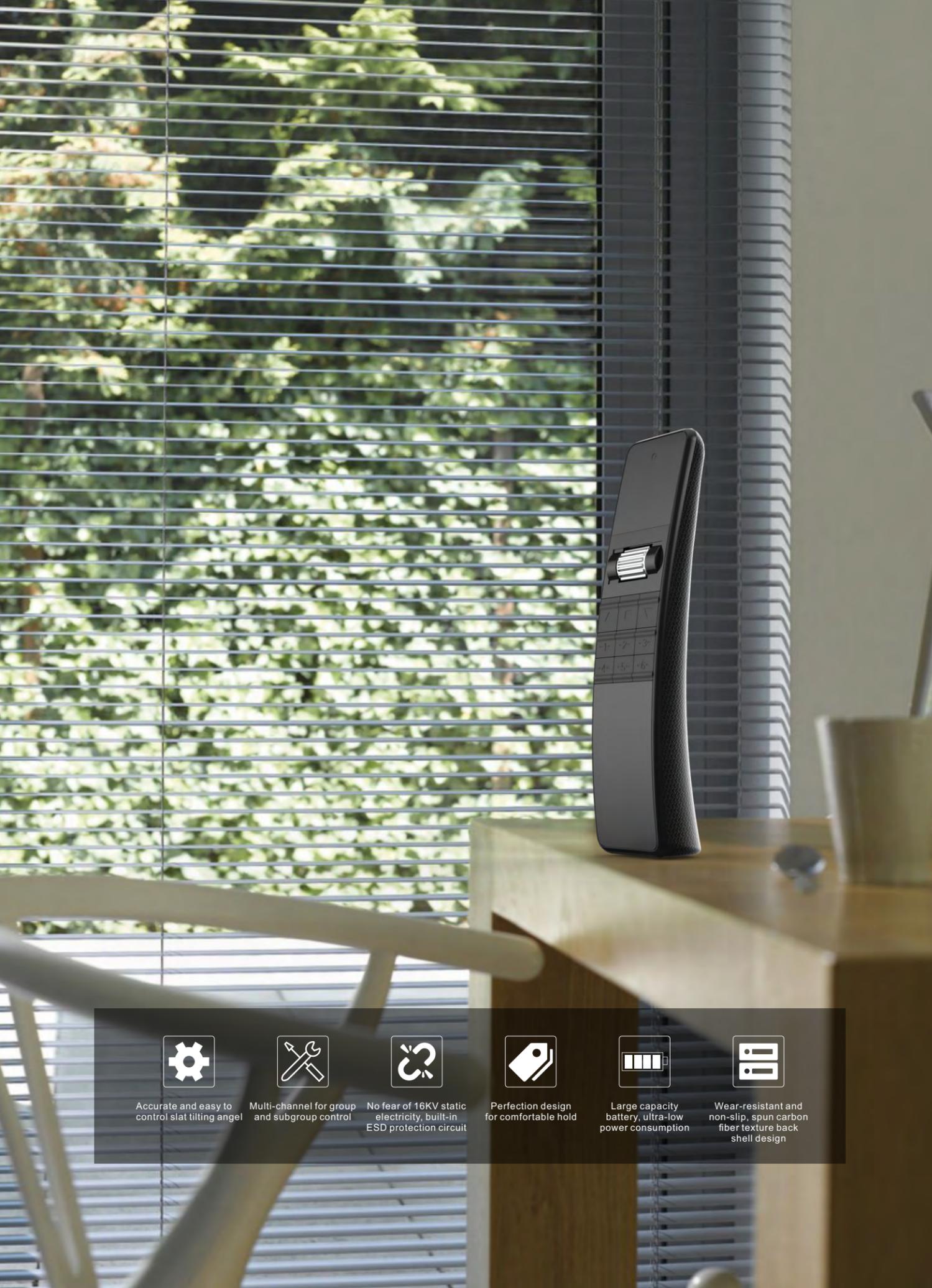


**Classic Product**  
Emitter Series

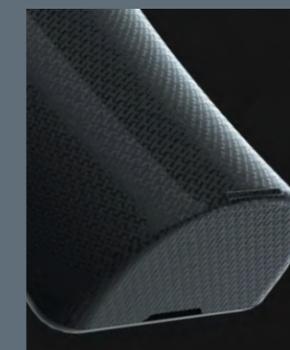


# AC152

Scroll wheel multi-channel remote control



DETAILS



Features

- ❖ Wear-resistant and non-slip, spun carbon fiber texture back shell design;
- ❖ Multi-channel for group and subgroup control;
- ❖ No fear of 16KV static electricity, built-in ESD protection circuit;
- ❖ Perfection design for comfortable hold;
- ❖ Large capacity battery, ultra-low power consumption ,AAA\*2(3V battery), can last more than 2 years;
- ❖ Wear-resistant and non-slip, spun carbon fiber texture back shell design.

 Accurate and easy to control slat tilting angel	 Multi-channel for group and subgroup control	 No fear of 16KV static electricity, built-in ESD protection circuit	 Perfection design for comfortable hold	 Large capacity battery, ultra-low power consumption	 Wear-resistant and non-slip, spun carbon fiber texture back shell design
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AAA×2(3V)  
Battery Type

≤10mW  
Transmit Power

433.92MHz  
Transmit Frequency

≤18mA  
Transmit Current

ASK  
RF Modulation

-20°C~+55°C  
Working Temp.

Product parameters

3V CR2450  
Battery Type

≤10mW  
Transmit Power

433.92MHz  
Transmit Frequency

≤18mA  
Transmit Current

ASK  
RF Modulation ASK

-20°C~+55°C  
Working Temp

Emitter | Control system

# AC145

HAND-HELD Emitters With Touch Screen

Energy saving design, CR2450 battery support for 2 years working

With capacitive touch panel, anti-interference and stability

RF consumption is 10mW, work with all A-OK RF receivers



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He was used to throwing each pebble into the sea as soon as he picked it up. Someday, it gave him an idea, why not a remote control like pebble raising sea waves? Then a new natural, identifiable and pebble texture design came out, that's A-OK pebble remote control AC145.

## WIRELESS REMOTE, ALL IN ONE HAND

Detachable and humanization design, flexible and fancy, on wall or in one hand will both bring you high quality life

01.  
02.  
03.  
04.  
05.

# AC140

## HAND-HELD Emitters With Touch Screen

- ❖ Energy saving design, CR2450 battery support for 2 years working
- ❖ With capacitive touch panel, anti-interference and stability
- ❖ RF consumption is 10mW, work with all A-OK RF receivers



### AC140-01C

Hand-held single channel transmitter with touch buttons

Battery Type: 3V CR2450  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$



### AC140-02C

Hand-held double channels transmitter with touch buttons

Battery Type: 3V CR2450  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$



### AC140-03C

Hand-held three channels transmitter with touch buttons for cloth rack

Battery Type: 3V CR2450  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$



### AC140-06C

Hand-held six channels transmitter with touch buttons

Battery Type: 3V CR2450  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$



### AC140-16C

Hand-held sixteen channels transmitter with touch buttons

Battery Type: 3V CR2450  
 Transmit Power:  $\leq 18\text{mA}$   
 Transmit Frequency:  $\leq 10\text{mW}$   
 Transmit Current: 433.92MHz / 868MHz  
 RF Modulation: ASK / FSK  
 Working Temp:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$



# AC141

## HAND-HELD Emitters With Touch Screen

- ❖ With capacitive touch panel, anti-interference and stability
- ❖ Energy saving design, CR2450 battery support for 2 years working
- ❖ RF consumption is 10mW, work with all A-OK RF receivers
- ❖ Zigbee two-way communication



### AC141-01

Hand-held single channel transmitter with touch buttons

Battery Type: 3V CR2450  
Transmitting Current:  $\leq 18\text{mA}$   
Transmitting Power:  $\leq 10\text{mW}$   
Frequency: 433.92MHz / 868MHz  
RF Modulation Mode: ASK / FSK  
Working Temp:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$



### AC141-02

Hand-held double channels transmitter with touch buttons

Battery Type: 3V CR2450  
Transmitting Current:  $\leq 18\text{mA}$   
Transmitting Power:  $\leq 10\text{mW}$   
Frequency: 433.92MHz / 868MHz  
RF Modulation Mode: ASK / FSK  
Working Temp:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$



### AC141-03

Hand-held three channels transmitter with touch buttons for cloth rack

Battery Type: 3V CR2450  
Transmitting Current:  $\leq 18\text{mA}$   
Transmitting Power:  $\leq 10\text{mW}$   
Frequency: 433.92MHz / 868MHz  
RF Modulation Mode: ASK / FSK  
Working Temp:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$



### AC141-06

Hand-held six channels transmitter with touch buttons

Battery Type: 3V CR2450  
Transmitting Current:  $\leq 18\text{mA}$   
Transmitting Power:  $\leq 10\text{mW}$   
Frequency: 433.92MHz / 868MHz  
RF Modulation Mode: ASK / FSK  
Working Temp:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$



### AC140-16

Hand-held sixteen channels transmitter with touch buttons

Battery Type: 3V CR2450  
Transmit Power:  $\leq 18\text{mA}$   
Transmit Frequency:  $\leq 10\text{mW}$   
Transmit Current: 433.92MHz / 868MHz  
RF Modulation: ASK / FSK  
Working Temp:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$



# AC137-01C

One key to rise emitter

- ❖ Elegant and fashion design
- ❖ Surface high-gloss treatment, more streamlined
- ❖ With capacitive touch panel, anti-interference and stability
- ❖ Ultra-thin body, full of simple style
- ❖ Energy saving design, CR2450 battery support for 2 years working
- ❖ Removable structure design, use more freely
- ❖ The base is glued and fixed, making the installation easier

AC137-01C is a model line transmitter. It has a stylish and elegant appearance, good hand feel, long transmission distance, easy matching with A-OK receiving system, and smart life is about to start.

COLOURS

- BLACK ●
- WHITE ●



DETAILS



3V CR2450  
Battery Type

≤ 10mW  
Transmit Power

433.92MHz  
Transmit Frequency

≤ 18mA  
Transmit Current

ASK  
RF Modulation

-20°C~+55°C  
Working Temp

Parameters  
▼

# AC136

## HAND-HELD Emitters

- ❖ Energy saving design, CR2450 battery support for 2 years working
- ❖ With capacitive touch panel, anti-interference and stability
- ❖ RF consumption is 10mW, work with all A-OK RF receivers



### AC136-01

Hand-held single channel transmitter

Battery Type: 3V CR2450  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC136-02

Hand-held double channels transmitter

Battery Type: 3V CR2450  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC136-03

Hand-held three channels transmitter for cloth rack

Battery Type: 3V CR2450  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC136-04

Hand-held four channels transmitter for cloth rack

Battery Type: 3V CR2450  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC136-06

Hand-held six channels transmitter

Battery Type: 3V CR2450  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC136-16

Hand-held sixteen channels transmitter

Battery Type: 3V CR2450  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C

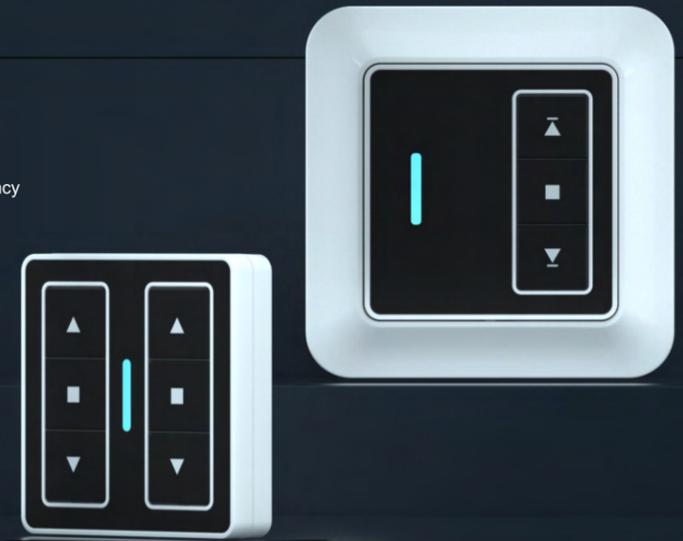




# AC133

## Wall type emitter

- ❖ Classic black and white color combination, simple and fancy
- ❖ Housing surface with piano lacquer craft
- ❖ Precision SMT process, surface moisture-proof treatment
- ❖ With 3M adhesive tape on the back, it can be fixed at any position on the wall at will, without wiring, to avoid damage to the wall
- ❖ Compatible with any A-OK receiver of the same frequency



### PRODUCT PARAMETERS

#### AC133-01

Single channel wall type emitter

Battery Type: 3V CR2302  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz  
 RF Modulation Mode: ASK  
 Working Temp:  $-20^{\circ}\text{C}\sim +55^{\circ}\text{C}$



#### AC133-02

Double channels wall type emitter

Battery Type: 3V CR2302  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz  
 RF Modulation Mode: ASK  
 Working Temp:  $-20^{\circ}\text{C}\sim +55^{\circ}\text{C}$



#### AC133-05

Five channels wall type emitter

Battery Type: 3V CR2302  
 Transmitting Current:  $\leq 18\text{mA}$   
 Transmitting Power:  $\leq 10\text{mW}$   
 Frequency: 433.92MHz  
 RF Modulation Mode: ASK  
 Working Temp:  $-20^{\circ}\text{C}\sim +55^{\circ}\text{C}$



# AC134

Wall type emitter

- ❖ Classic black and white color combination, simple and fancy
- ❖ Housing surface with piano lacquer craft
- ❖ Precision SMT process, surface moisture-proof treatment
- ❖ With 3M adhesive tape on the back, it can be fixed at any position on the wall at will, without wiring, to avoid damage to the wall



# AC135

HAND-HELD Emitters With Touch Screen

- ❖ Classic black and white color combination, simple and fancy
- ❖ Housing surface with piano lacquer craft
- ❖ Precision SMT process, surface moisture-proof treatment
- ❖ With 3M adhesive tape on the back, it can be fixed at any position on the wall at will, without wiring, to avoid damage to the wall
- ❖ Compatible with any A-OK receiver of the same frequency



## PRODUCT PARAMETERS

**AC134-01**  
Single channel wall type emitter

Battery Type: 3V CR2032  
Transmitting Current: ≤18mA  
Transmitting Power: ≤10mW  
Frequency: 433.92MHz  
RF Modulation Mode: ASK  
Working Temp: -20°C~+55°C



**AC134-02**  
Double channels wall type emitter

Battery Type: 3V CR2032  
Transmitting Current: ≤18mA  
Transmitting Power: ≤10mW  
Frequency: 433.92MHz  
RF Modulation Mode: ASK  
Working Temp: -20°C~+55°C



**AC134-06**  
Six channels wall type emitter

Battery Type: 3V CR2032  
Transmitting Current: ≤18mA  
Transmitting Power: ≤10mW  
Frequency: 433.92MHz  
RF Modulation Mode: ASK  
Working Temp: -20°C~+55°C



**AC135-01**  
Single channel American type wall mount emitter

Battery Type: 3V CR2032  
Transmitting Current: ≤18mA  
Transmitting Power: ≤10mW  
Frequency: 433.92MHz  
RF Modulation Mode: ASK  
Working Temp: -20°C~+55°C



**AC135-02**  
Double channels American type wall mount emitter

Battery Type: 3V CR2032  
Transmitting Current: ≤18mA  
Transmitting Power: ≤10mW  
Frequency: 433.92MHz  
RF Modulation Mode: ASK  
Working Temp: -20°C~+55°C



**AC135-06**  
Six channels American type wall mount emitter

Battery Type: 3V CR2032  
Transmitting Current: ≤18mA  
Transmitting Power: ≤10mW  
Frequency: 433.92MHz  
RF Modulation Mode: ASK  
Working Temp: -20°C~+55°C



## PRODUCT PARAMETERS

# AC123

## HAND-HELD emitter

- ❖ Simple trend design, luxurious piano lacquer surface treatment, honorable and elegant
- ❖ Acrylic panel surface, anti-scratch
- ❖ CR2032 button battery, easy to get and replace
- ❖ Ultra-long standby time, batteries last 2-3 years
- ❖ ZigBee bi-directional communication



COLOURS BLACK ○ WHITE ●

# AC123C

## HAND-HELD Emitter with touch screen

- ❖ Simple trend design, luxurious piano lacquer surface treatment, honorable and elegant
- ❖ Advanced touch button technology, sensitive and high anti-jamming
- ❖ White and black color for optional, suit to various decorations
- ❖ Acrylic panel surface, anti-scratch
- ❖ CR2032 button battery, easy to get and replace
- ❖ Ultra-long standby time, batteries last 2-3 years



COLOURS BLACK ○ WHITE ●

### PRODUCT PARAMETERS

#### AC123-01

Single channel hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-06

Six channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-01C

Single channel hand-held emitter with touch screen

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-06C

Six channels hand-held emitter with touch screen

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-02

Double channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-16

Sixteen channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-02C

Double channels hand-held emitter with touch screen

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



#### AC123-16C

Sixteen channels hand-held emitter with touch screen

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### PRODUCT PARAMETERS

# AC127

HAND-HELD emitter

- ❖ Simple trend design, luxurious piano lacquer surface treatment, honorable and elegant
- ❖ Magnet mounting holder, easy to install
- ❖ White and black color for optional, suit to various decorations
- ❖ Acrylic panel surface, anti-scratch
- ❖ CR2032 button battery, easy to get and replace
- ❖ Ultra-long standby time, batteries last 2-3 years



COLOURS BLACK ○ WHITE ●

# AC127L

HAND-HELD emitter

- ❖ Simple trend design, luxurious piano lacquer surface treatment, honorable and elegant
- ❖ Magnet mounting holder, easy to install
- ❖ White and black color for optional, suit to various decorations
- ❖ Acrylic panel surface, anti-scratch
- ❖ Built-in lithium battery, USB charging



COLOURS BLACK ○ WHITE ●

## PRODUCT PARAMETERS

### AC127-01

Single channel hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127-06

Six channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127-02

Double channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127-16

Sixteen channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127L-01

Single channel hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127L-02

Double channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127L-06

Six channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



### AC127L-16

Sixteen channels hand-held emitter

Battery Type: 3V CR2032  
 Transmitting Current: ≤18mA  
 Transmitting Power: ≤10mW  
 Frequency: 433.92MHz / 868MHz  
 RF Modulation Mode: ASK / FSK  
 Working Temp: -20°C~+55°C



## PRODUCT PARAMETERS



## Fashionable and elegant stable and reliable

-  Fashionable and elegant appearance
-  Stable and reliable
-  Timing function
-  Easy to install
-  No fear of static electricity
-  High precision remote
-  Power off protection



## AC151-06 Six channels timer emitter

AC151-06 adopts press button design, high reliability and anti-interference. Timing function, everyday has an individual UP/DOWN time. Easy operation screen and flexible installation for magnetic wall holder.

### Features

- ❖ Fashionable and elegant style design for various decoration
- ❖ Luxurious piano lacquer surface treatment, honorable and elegant
- ❖ With press buttons, high reliability and anti-interference
- ❖ CR2450 button battery, easy to get
- ❖ Magnet mounting holder, easy to install
- ❖ Able to set 2 different timing points to auto open and close the window shades



AC151-01 screen display and button function

### Parameters

Model No.	Battery Type	Transmitting current	Transmitting power	Frequency	RF modulation mode	Standby Power	Working temp
AC151-01	3V CR2450	≤20mA	≤10mW	433.92MHz	ASK	< 5uA	-20°C~+55°C

# AC11-01 projection screen emitter



AC11-01 is a handheld wireless transmitter for projection screen. With fresh and simple design and cost-effective configuration, it is the best choice for projection screen. Its appearance is fashionable and generous with very nice feeling, remote control distance is far, intelligent life is under control.

### Features

- ❖ Fashionable and elegant style design for various decoration;
- ❖ CR2032 button battery, easy to get and replace;
- ❖ Various installation mode.
- ❖ Lower power loss design;
- ❖ Patent design;

### Parameters

Model No.	Battery Type	Transmitting current	Transmitting power	Frequency	RF modulation mode	Working temp
AC11-01	3V CR2032	≤15mA	≤10mW	433.92MHz	ASK	-20°C~+55°C



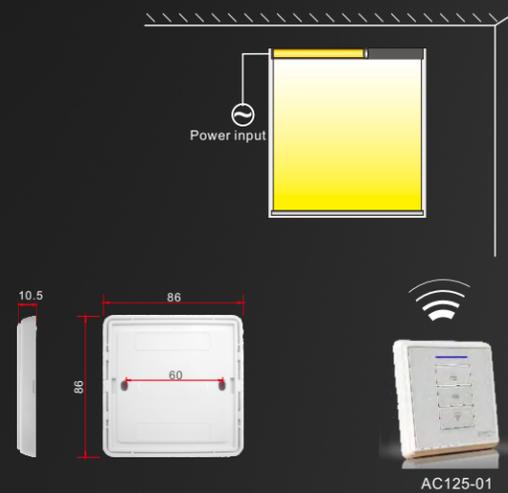


## AC125-01

Crystal type single channel emitter

### Features

- ❖ Built in silk print, simple and generous
- ❖ Acrylic face cover, scratching protection
- ❖ Built in light guide makes indicator light soft and user comfort
- ❖ 3M adhesive tape and screw type for optional for installation
- ❖ Energy saving design, battery life is 2-3 years
- ❖ Compatible with all A-OK RF receivers



### Parameters

Battery type	Working current	Transmitting Power	RF Frequency	RF Modulation	Power consumption	Working temp
3V GP 27A 12V	≤10mA	≤10mW	433.92MHz	ASK	< 5uA	-20°C~+55°C

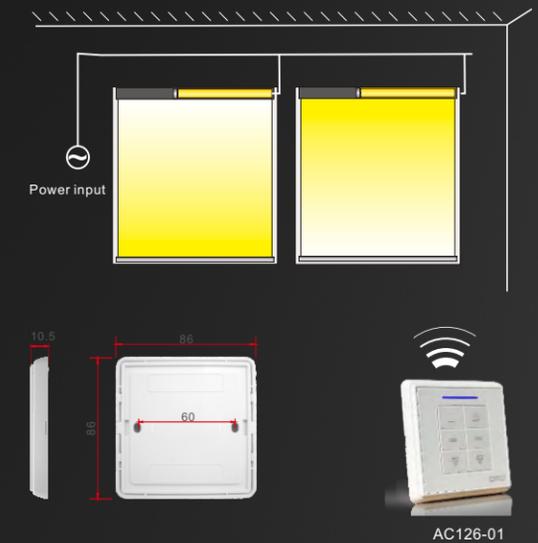


## AC126-01

Crystal type double channel emitter

### Features

- ❖ Built in light guide makes indicator light soft and user comfort
- ❖ Acrylic face cover, scratching protection
- ❖ Built in LED light conductor, illuminate evenly and soft
- ❖ 3M adhesive tape and screw type for optional for installation
- ❖ Energy saving design, battery life is 2-3 years
- ❖ Compatible with all A-OK RF receivers



### Parameters

Battery type	Working current	Transmitting Power	RF Frequency	RF Modulation	Power consumption	Working temp
3V GP 27A 12V	≤10mA	≤10mW	433.92MHz	ASK	< 5uA	-20°C~+55°C

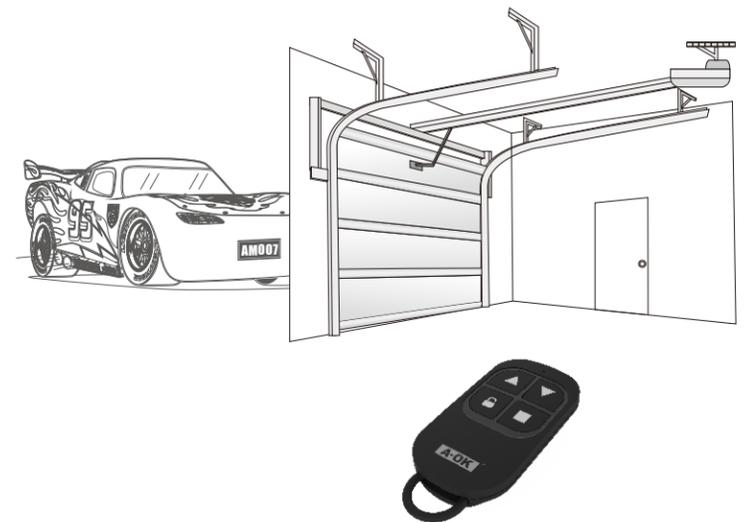


## AC12-01 Portable Emitter

AC12-01 is a key shape wireless transmitter for garage door. With fresh and simple design and cost-effective configuration, it is the best choice for garage door. Its appearance is fashionable and generous with very nice feeling, remote control distance is far, intelligent life is under control.

### Features

- ❖ Patent design, Fashionable and elegant
- ❖ Lower power loss design
- ❖ Big screen, simple and free to press
- ❖ 15s Key locking function, prevent of wrong operation
- ❖ Emergency unlocking stop function to reduce the loss
- ❖ With key ring, easy to take
- ❖ CR2025 button battery, easy to get and replace



### Parameters

Model No.	Battery Type	Frequency	Transmitting power	Working temp
AC12-01	3V CR2032	433.92MHz	≤10mW	-20°C~+55°C



### AC119-02 Portable Emitter

#### Features

- ❖ Only one touch button for UP/ STOP/DOWN/STOP cycle switching
- ❖ Sliding cover prevent of wrong operation
- ❖ With key ring, easy to take
- ❖ Low-power design, battery life 2-3 years

Model No.	Battery Type	Frequency	Transmitting power	Working temp
AC119-02	3V CR2032	433.92MHz	≤10mW	-20°C~+55°C



### AC116-03 Portable Emitter

#### Features

- ❖ With key ring, easy to take;
- ❖ Sliding cover prevent of wrong operation;
- ❖ Low-power design, battery life 2-3 years;
- ❖ Multi mode program to meet the maximum use requirements;

Model No.	Battery Type	Frequency	Transmitting power	Working temp	RF modulation mode
AC116-03	3V CR2032	433.92MHz	≤10mW	-20°C~+55°C	ASK



### AC129-01/04 Rechargeable portable emitter

#### Features

- ❖ Small and exquisite design, easy for carrying
- ❖ The surface is porcelain whitening technology, the cover is made of high-hardness acrylic panel, scratching protection
- ❖ Rechargeable lithium battery built inside
- ❖ Full charged battery supports one-year normal working
- ❖ General USB interface, easy for charging
- ❖ Optional for 1 and 4 channels

Model No.	Battery Type	Frequency	Transmitting power	Working temp	RF modulation mode
AC129-01/04	DC3.7V	433.92MHz	≤10mW	-20°C~+55°C	ASK



### AC512-02 AC trigger

#### Features

- ❖ 10W-1000W Equipment power range is 10w-1000w
- ❖ Make the linkwork with the projector and projection screen
- ❖ Inspecting the projector current all the time, transmit RF signal to the receiver automatically, then make the screen open or close automatically
- ❖ Standard power socket, easy to install
- ❖ With hang holes on back cover, easy to fix
- ❖ Full automatic operation mode, to achieve the intelligent system

Model No.	Working Voltage	Frequency	Transmitting power	Working temp	Transmitting power
AC512-02	AC230V 50/60Hz or AC120V 60Hz	433.92MHz	≤10mW	-20°C~+55°C	10W-1000W

**Classic Product**  
Radio Receivers



# AC286

## Winter garden controller(Solar charging)

Solar charging provide solutions for no power supply outdoor sunroom.It is not required to wire in advance and just to be installed at any times. Monocrystalline silicon solar panels have a high conversion rate and long service life. Prevention level IP65.

Solar Charging Easy Wiring	Central Control Centralised Wiring	Monocry stalline Silicon Solar Panels High Efficiency &Long Service Life	LFP Battery Safe And Reliable
Entire Seal Design IP Grade:IP65	Convenient Expansion For Solar Panel Suitable For Sunlight Conditions In Various Areas	Stepless Adjusted Adjust Brightness Freely	RF Remote Controller + Manual Switch For Unexpected Needs



Charging Voltage	Charging Current	Battery Pack	Solar Panel	LED Output	Motor Output	Colour	Control Mode	Single Running Time Of Motor	Single Working Time Of LED Light	IP Class	Working Temp.
24V	3.5V	LFP Pack/25.6VDC/8AH	24VDC / 22>W	24VDC / 14W	24VDC / 3A/5 Routes	White	RF Remote Control/Manual Switch	5min	4H	IP65	-20°C~+85°C

## Switch Remote Control For Options

Receiver&Emitter Two-in-One



It controls 16 curtains simultaneously



Receiver&Emitter Two-in-One



Wall Type Switch & Emitter Two-in-One



It has timing and dimming function



## AC287

Embedded type Wireless Controller

### Features

- ❖ Conform to 86\*86 installation standards;
- ❖ It uses motor driving chip, which has long service life and applied on direct current motor with power of below 24W;
- ❖ Control modes are applied widely, with RF controller, RS485;
- ❖ Superheterodyne module used for more receiving sensitivity;
- ❖ Industrial type of CPU has a steady function;
- ❖ Fire-proof materials are used for safe operation;
- ❖ Power supply is safe, the output time is 5 minutes.

### Parameter

Model NO.	Input Voltage	Control Mode	RF Receiving Frequency	Loading Power	RF Receiving Sensitivity	Working Temp.
AC287-01	180V-240VAC	RF Remote Control/RS485	433.92MHz	24V*1A(4 Routes)	≥-110dBm	-20°C~+55°C



## AC250-02

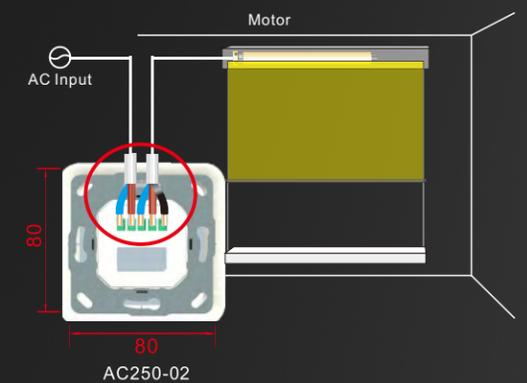
### EU Wall Mounting Touch Screen Radio Receiver With Timer

EU wall mounting touch screen radio receiver with timer has a fancy, simple, modern, and decent appearance and classical colour match of black and white. Piano lacquer on acrylic panels to show decent style. The sensitivity for receiver with timer reaches 110dbm. It could be compatible with any emitter of same frequency from A-OK. SMT assembly, damp-proof surface. Circulation time can be set by day or week.

#### Features

- ❖ EU wall mounting touch screen radio receiver with timer; has a fancy, simple, modern, and decent appearance and classical colour match of black and white;
- ❖ Piano lacquer on acrylic panels to show decent style;
- ❖ The sensitivity for receiver with timer reaches 110dbm;
- ❖ It could be compatible with any emitter of same frequency from A-OK. SMT assembly, damp-proof surface;
- ❖ Circulation time can be set by day or week.

#### Application



#### Parameter

Model NO.	Input Voltage	RF Receiving Frequency	Loading Power	Standby Power	IP Class	RF Modulation Mode	Working Temp.
AC250-02	100-240V AC50/60Hz	433.92MHz	Motors300W	0.6W	IP30	ASK	-20°C~+55°C



## AC227-01

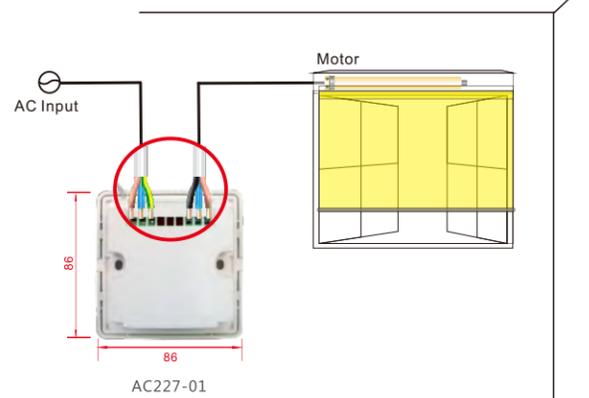
### Crystal style single route radio receiver

Button control is feasible, no matter emitter available, AC227-01 could control motor individually. Also workable for jog function for Venetian blinds.

#### Features

- ❖ One AC motor is wired externally for indoor installation;
- ❖ Built in silver silk screen on buttons, fancy and wear-resistant;
- ❖ Panel with anti-scratch acrylic, built in LED conductor, soft and even light;
- ❖ Piano lacquer on frame, honorable and elegant;
- ❖ Frequency is 433MHz, compatible with all products with the same frequency from A-OK;
- ❖ Suitable for the motor power below 500W.
- ❖ TV5 current relay;
- ❖ SMT assembly, damp-proof surface;
- ❖ Wired with external manual switch.

Application



#### Parameter

Model NO.	Working Voltage	Working Voltage	Receiving Frequency	RF Modulation Mode	Loading Power
AC227-01	230V 50/60Hz or 120V / 230V	-20°C~+55°C	433.92MHz	ASK	<500W

## AC228-01

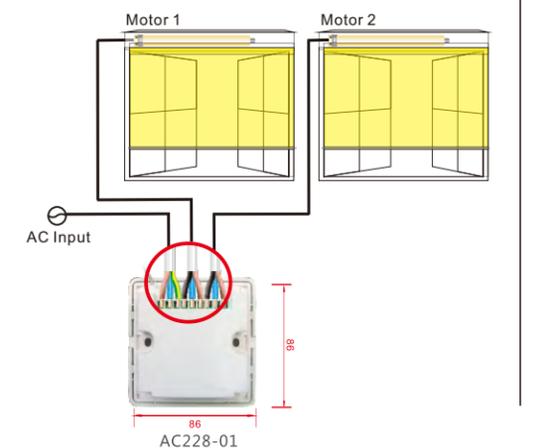
### Crystal Style Double Routes Radio Receiver

Button control is feasible, no matter emitter available, AC227-01 could control motor individually. Also workable for jog function for Venetian blinds.

#### Features

- ❖ Two AC motors are wired externally for indoor installation.
- ❖ Built in silver silk screen on buttons, fancy and wear-resistant
- ❖ Panel with anti-scratch acrylic, built in LED conductor, soft and even light
- ❖ Piano lacquer on frame, honorable and elegant.
- ❖ Suitable for the motor power below 500W.
- ❖ TV5 current relay
- ❖ SMT assembly, damp-proof surface.

Application



#### Parameter

Model NO.	Working Voltage	Working Temp	Receiving Frequency	Loading Power
AC228-01	230V 50/60Hz or 120V / 230V	-20°C~+55°C	433.92MHz	<500W × 2

## Radio Receiver | Control system



## Radio Receiver | Control system



### AC227

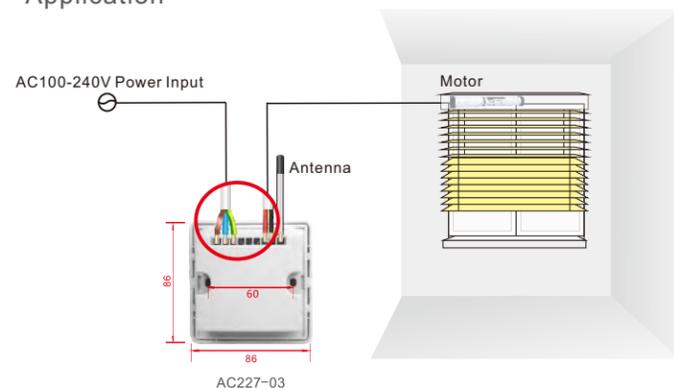
#### Crystal Style DC Motor Radio Receiver

Suitable for electric shutter, electric blinds, electric window and other relevant products. The button "UP" "DOWN" "STOP" can be controlled manually for convenient operation and reliable function.

#### Features

- ❖ Wide voltage supply 100-240V, DC24 V (DC 12 V optional) low voltage output;
- ❖ Suitable for DC motors with power of below 72 W;
- ❖ Circuit for switching power are designed strictly according to R&TTE, reducing interference to high frequency receiving module;
- ❖ Easy switch between inching and continuous move makes dimming by window-blinds more accurate.

#### Application



#### Parameter

Model NO.	Working Voltage	Working Temp	Receiving Frequency	RF Modulation Mode	Output Voltage	Output Voltage
AC227-03	100~240V 50/60Hz	-20°C~+55°C	433.92MHz	ASK	24V	<36W
AC227-11	100~240V 50/60Hz	-20°C~+55°C	433.92MHz	ASK	24V	<48W
AC227-12	100~240V 50/60Hz	-20°C~+55°C	433.92MHz	ASK	24V	<72W

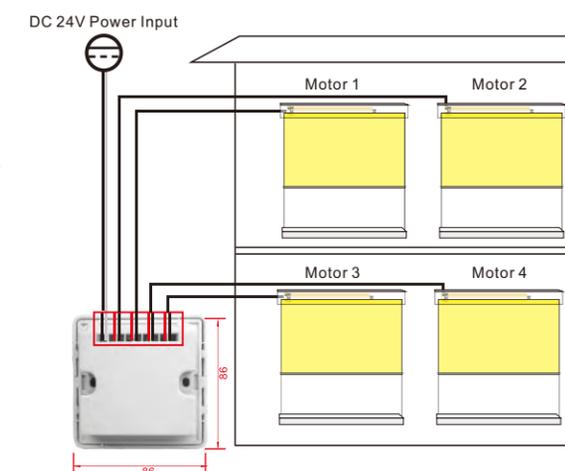
### AC228-03

#### FOUR Routes Radio Receiver

#### Features

- ❖ Four DC motors are wired externally;
- ❖ Control buttons for inching and continuous move;
- ❖ Built in silver silk screen on buttons, fancy and wear-resistant;
- ❖ Panel with anti-scratch acrylic, built in LED conductor, soft and even light;
- ❖ Piano lacquer on frame, honorable and elegant;
- ❖ SMT assembly, damp-proof surface;
- ❖ Electrical structures are partly compliant with requirements for fire rating of electrical standard;
- ❖ Power supply is safe, the time of power output is 5 minutes
- ❖ Surge current proof relay.

#### Application



#### Parameter

Model NO.	Working Voltage	Working Temp	Receiving Frequency	RF Modulation Mode	Loading Power	NO. of Emitters Allowed
AC228-03	DC24V	-20°C~+55°C	433.92MHz	ASK	<24Wx4	5PCSx4



### AC268-01

Radio Receiver for Outdoor Venetian Blind Drive

#### Features

- ❖ Mini size, can be placed inside of the track of venetian blind system;
- ❖ Hirschmann plug, confirm to requirements of installation and certification;
- ❖ IP54 for outdoor installation;
- ❖ Dimming by inching meets different needs for dimming from customers.

#### Parameters

Working Voltage	Working Temp	Working Frequency	Receiving Sensitivity
AC230V	-35°C~+65°C	433.92MHz	≤110dBm



### AC268-02

Radio Receiver for Outdoor Venetian Blind Drive

#### Features

- ❖ Mini size, can be placed inside of the track of venetian blind system;
- ❖ IP54 for outdoor installation;
- ❖ Dimming by inching meets different needs for dimming from customers.

#### Parameters

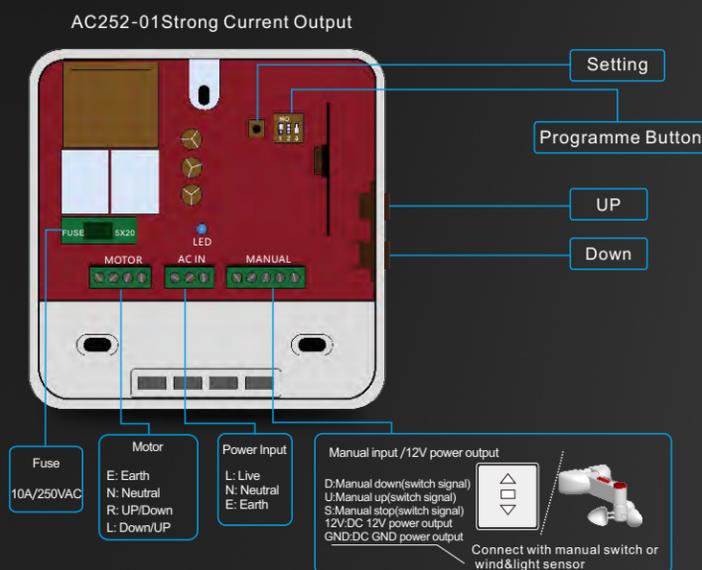
Working Voltage	Working Temp.	Working Frequency	Receiving Sensitivity
AC230V	-20°C~+55°C	433.92MHz	≤110dBm



## AC252-01 External Radio Receiver

### Features

- ❖ Fancy and modern design;
- ❖ Available to connect external manual switch , flexible and convenient;
- ❖ Design with super heterodyne module, sensitivity is -110dBm;
- ❖ Industrial grade CPU for more steady function;
- ❖ Fire-proof material for safe use;
- ❖ Power supply is safe ,output time is 5 minutes.



### Parameters

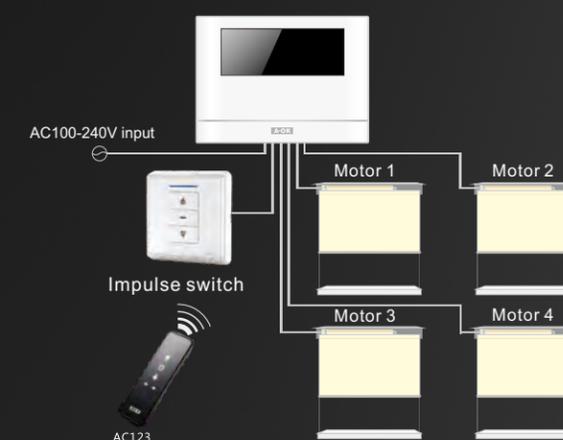
Model NO.	Working Voltage	Working Temp	RF Modulation Mode	Working Frequency	Loading Power
AC252-01	AC230V /AC120V	-20°C~+55°C	ASK	433.92MHz	500W



## AC408-02 Four Routes Group Controller

### Features

- ❖ Radio receiver and group controller together;
- ❖ Connect with 4 motors individual and group;
- ❖ Low voltage switch can be connected externally;
- ❖ UV and fire proof ABS plastic material;
- ❖ Industry level CPU, with temperature -40~+85.



Wiring diagram

### Parameters

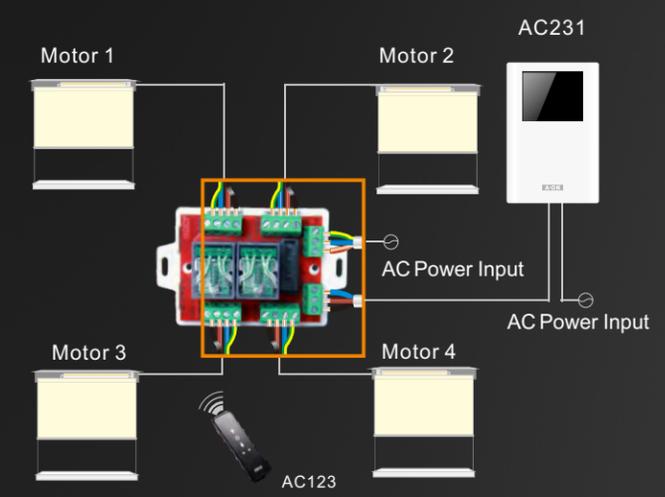
Model NO.	Working Voltage	Working Temp.	RF Modulation Mode	Working Frequency	Loading Power
AC408-02	AC230V / AC120V	-20°C~+55°C	ASK	433.92MHz	500W×4



## AC405-01 Group Controller

### Features

- ❖ Fancy shape, simple and generous
- ❖ Connect with 4 motors for group control
- ❖ Wire with external switch or external radio receiver
- ❖ Industry relay for big capacity
- ❖ PCB and housing adopt UL-94 fire proof material



Wiring diagram

### Parameters

Working Voltage	Working Temp.	Working Frequency	Loading Power
AC 230V/AC 120V	-20°C~+55°C	433.92MHz	300W×4



## Radio Receiver | Control system

### AC234

#### External Radio Receiver for Cloth Rack



##### Features

- ❖ Standard wire socket makes wiring easy;
- ❖ Surge current proof relay for longer service life;
- ❖ Industrial grade of standard CPU for steady function;
- ❖ "UP" "DOWN" limits could be set freely;
- ❖ RF remote control;
- ❖ Modular core components.

##### Parameters

Model No.	Working Voltage	Working Temp	Frequency	RF Modulation Mode	Loading Power
AC234-03	230V 50/60Hz	-20°C~+55°C	433.92MHz	ASK	<1000W

### AC267-01

#### Cloth Rack Controller



##### Features

- ❖ With TV5 level shock-proof relay, to work with motor power ≤500W;
- ❖ Circuit board and enclosure are with UL-94V-0 fire-proof material;
- ❖ Sensitivity ≤110dBm, remote range is 200M in the open air;
- ❖ Built-in superheterodyne module, with sensitivity -110dBm;
- ❖ Compatible with all A-OK emitters.

##### Parameters

Model No.	Working Voltage	Working Temp	Frequency	Receiving Sensitivity
AC267-01	AC230V 50Hz/AC120V 60Hz	-20°C~+55°C	433.92MHz	-110dBm

### AC274-01

#### Integrated Controller for Cloth Hanger

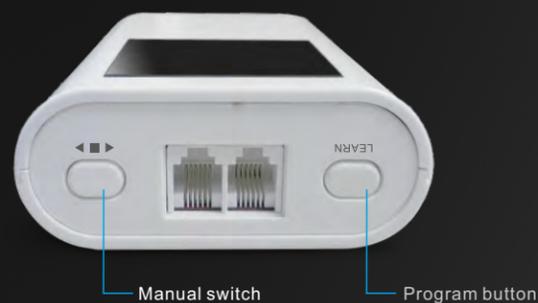
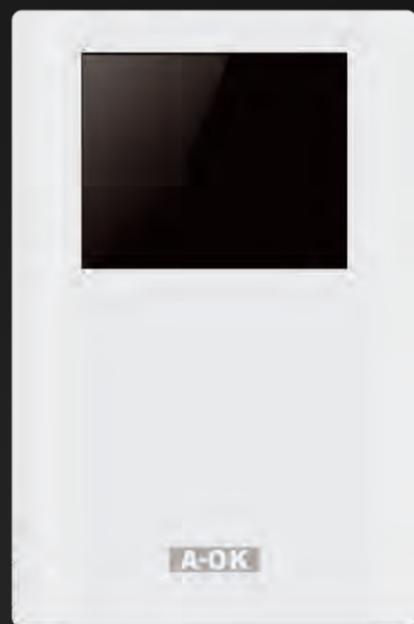


##### Features

- ❖ Standard universal loading interface used for convenient installation;
- ❖ RF remote control function support;
- ❖ Up limit position, no load;
- ❖ LED screen could be connected externally for visual operation;
- ❖ Surge current proof relay;
- ❖ Live voice broadcast;
- ❖ No need to connect transformer externally, just 240V AC direct drive, 24v dc motor;
- ❖ Dry clothes very fast on rainy days, sterilamp adopted for getting rid of unpleasant odor and effective sterilization;
- ❖ Built in switch and power.

##### Parameters

Model No.	Working Voltage	Motor Power	Lighting Power	Fan Power	Sterilamp Power	Working Temp
AC274-01	230V 50/60Hz	50W	≤100W	≤100Wx2	Adapt to 3W disinfection lamp*2	-20°C~+55°C



Manual switch      Program button

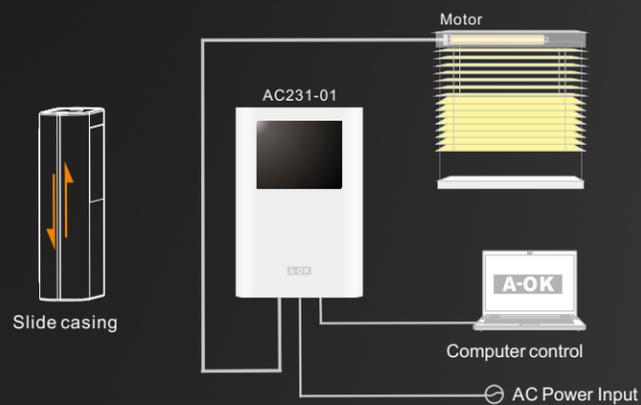
## AC231-01

### External Radio Receiver

#### Features

- ❖ Simple and fashion design, suitable for various decoration style
- ❖ Plastic covers adopt fire + UV protect material
- ❖ Sliding casing design, easy to operate
- ❖ With sides switches and external switch connection
- ❖ Remote control and network control via RS232/485 interface
- ❖ Changing direction on switch and remote, support for dot
- ❖ move and continuous move
- ❖ With 12V port for photocell or sensor

#### Wiring diagram



#### Parameters

Working Voltage	Working Temp.	Working Frequency	Loading Power
AC 230V/AC 120V	-20°C~+55°C	433.92MHz	≤500W

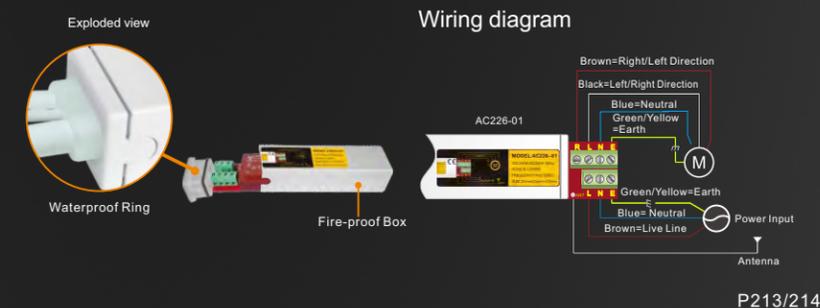


## AC226-01

### Waterproof Type Radio Receiver

#### Features

- ❖ Mini size for concealing installation;
- ❖ Totally enclosed structure design, protection class :IP 55 ,suitable for outdoor installation;
- ❖ Easy switch between inching and continuous move make dimming by venetian blinds more accurate;
- ❖ Resistant current circuit design ,suitable for motors with power of below 500w;
- ❖ Steady function for excellent anti-interference;
- ❖ SMT assembly ,damp-proof surface;
- ❖ Voltage drop solution for transformer;



#### Parameters

Working Voltage	Working Temp	Working Frequency	Loading Power	Levels of protection
230VAC / 120VAC	-20°C~+55°C	433.92MHz	≤300W	IP55



## AC21-03

### Projection screen controller

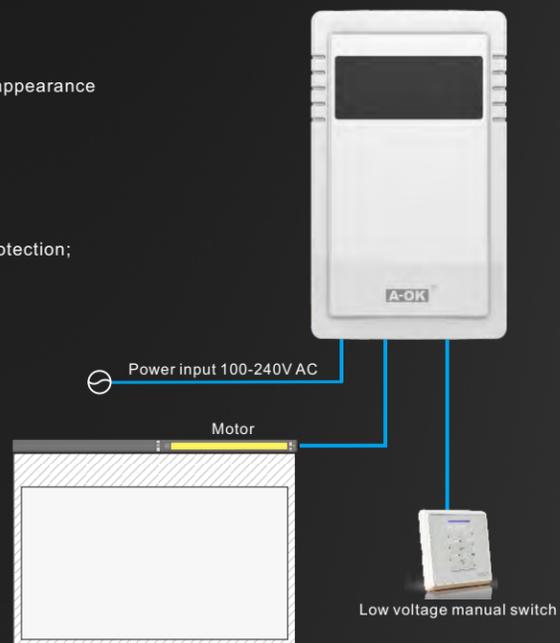
AC21-03 is specialized in projection screen line with its simple fashionable appearance and effective design, which is the best choice for projection.

#### Features

- ✦ Employ the design of conjoined bottom, exquisite and unique;
- ✦ Be suitable for the AC motors under 500W with TV-5 overall anti-impact protection;
- ✦ Multiple control method, to monitor by bottom and RF control;
- ✦ Superheterodyne receive module, more sensitive and stable;
- ✦ Industrial standard CPU, reliable in capability;
- ✦ Fire prevention materials, safe to use;
- ✦ Over loading protection, output time 5 minutes.

#### Parameters

Model NO.	Working Voltage	Control Method	RF Sensitivity	RF Receive Frequency	RF Receive Distance	Rated load	Working Temp
AC21-03	100-240V AC 50/60Hz	RF/ bottom/ external bottom	≥-110dBm	433.92MHz	≤80M	≤500W	-20°C~+55°C



## AC21-04

### Garage Door Controller

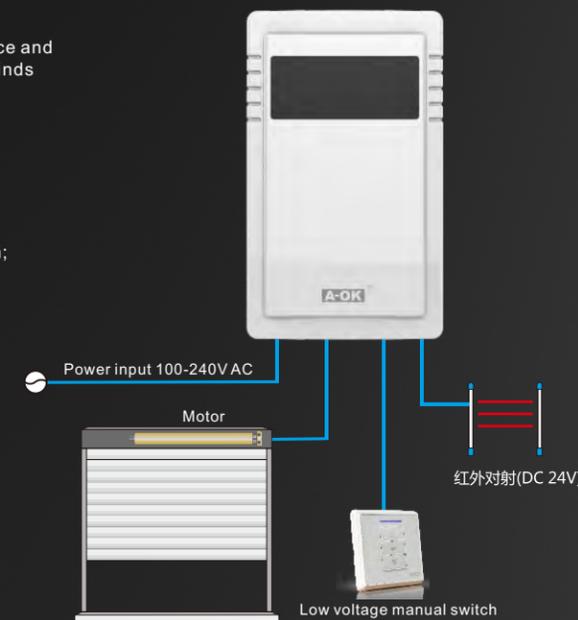
AC21-04 is specialized in Garage Doors with its simple fashionable appearance and effective design, which is the best choice for Garage Door, matching with all kinds of AC motors in the market with its 100-240V AC power input.

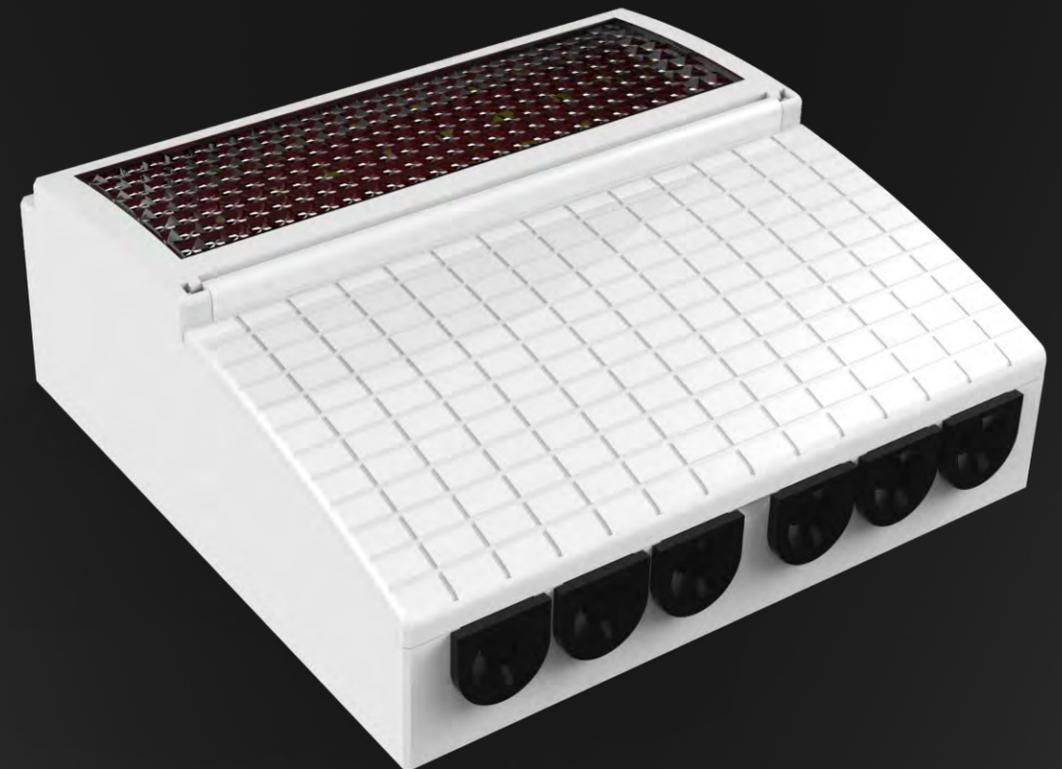
#### Features

- ✦ Employ the design of conjoined bottom, exquisite and unique;
- ✦ Be suitable for the AC motors under 500W with TV-5 overall anti-impact protection;
- ✦ Multiple control method, to monitor by bottom and RF control;
- ✦ Superheterodyne receive module, more sensitive and stable;
- ✦ Industrial standard CPU, reliable in capability;
- ✦ Fire prevention materials, safe to use;
- ✦ Over loading protection, output time 5 minutes.

#### Parameters

Model NO.	Working Voltage	Control Method	RF Sensitivity	RF Receive Frequency	RF Receive Distance	Rated load	Working Temp
AC21-04	100-240V AC 50/60Hz	RF/ bottom/ external bottom	≥-110dBm	433.92MHz	≤80M	≤500W	-20°C~+55°C





## AC277

### Garage Door Controller (Built In Lamp)

AC227 specialized in garage door, is an automatic and comprehensive control system with built-in lamp, which not only can control the garage door by remote controller to up/down and stop, but also has multiple protection functions, with these unique design, it can be applied in roller garage door, motorized door, faster roller door and etc. which have a high requirement for safety.

#### Features

- ❖ Be convenient to use on night with built-in lamp;
- ❖ Support infrared radiation device and obstacle rebound;
- ❖ Over loading protection, can connect manual switch;
- ❖ Auto setting running time(1-90S);
- ❖ Auto setting close door time(1-180S after the door fully opened);
- ❖ IP44, Protection level Ip44;
- ❖ Fire prevention UL94 V-0, UV resistance.

#### Parameters

Model NO.	Working Current	Working Temperature	Receive Frequency	Loading Rate	IP Class
AC277	230V 50/60Hz or 120V AC 60Hz	-20°C~+55°C	433.92MHz	Motors500W Lights100W	IP45



## AC249-01 Garage Door Controller (LED Lighting)

AC249-01 specialized in garage door, is an automatic and comprehensive control system with built-in lamp, which not only can control the garage door by remoter to up/down and stop, but also has multiple protection functions, with these unique design, it can be applied in roller garage door, motorized door, faster roller door which have a high requirement for safety.

### Features

- ❖ 433MHz or 868MHz, rolling code.
- ❖ Stop or stop and rebound when meet obstacle to avoid damage of objects.
- ❖ Auto set motor running time (1-90s)
- ❖ Auto set close door time (1-180s after the door fully opened)
- ❖ Over loading protection.
- ❖ Waterproof design, IP65 level, suitable for outdoor usage.
- ❖ UV resistant and fire proof plastic housing.
- ❖ Specialized motor relay , work with motor power below 500W.
- ❖ Superheterodyne receive module, with sensibility -110dBm, operation distance 200m in the open air
- ❖ SMT assembly, damp-proof surface.

### Parameters

Working Voltage	Working Temp.	Working Frequency	Loading Power	Levels of protection
AC 230V/AC 120V	-20°C~+55°C	433.92MHz	Motor≤500W; Lamp≤100W	IP45



## AC217-01 Garage Door Controller (Built In Lamp)

AC217-01 specialized in garage door, is an automatic and comprehensive control system with built-in lamp, which not only can control the garage door by remoter to up/down and stop, but also has multiple protection functions, with these unique design, it can be applied in roller garage door, motorized door, faster roller door which have a high requirement for safety.

### Features

- ❖ 433MHz or 868MHz, both available
- ❖ Stop or stop and rebound when meet resistance
- ❖ Auto set motor running time (1 to 90 seconds)
- ❖ Auto set close door time (1-180 seconds after the door fully opened)
- ❖ Over loading protection
- ❖ Key components only choose world famous brand with reliable performance
- ❖ Waterproof design, IP65 level, suitable for outdoor usage
- ❖ UV ray resistance and fire proof plastic box
- ❖ TV 5 level shock proof relay, work with the motor power below 500W
- ❖ Superheterodyne receive module, with sensibility -110dBm,
- ❖ Working range is 200m in the open air
- ❖ SMT assembly, damp-proof on surface

### Parameters

Working Voltage	Working Temp.	Working Frequency	Loading Power	IP Class
AC 230V/AC 120V	-20°C~+55°C	433.92MHz	Motor≤500W; Lamp≤100W	IP45



## AC513 Mechanical Switch

### AC513-01

Single channel strong voltage mechanical switch

Max Current: 10A  
Switch Voltage: 250V  
Working temp: -20°C~+55°C



### AC513-02

Single channel weak voltage mechanical switch

Max Current: 5A  
Switch Voltage: 30V DC  
Working temp: -20°C~+55°C



## AC514 Impulse Switcher

### AC514-01

Single channel impulse switch

Max Current: 200A  
Switch Voltage: Max 30V DC  
Working temp: -20°C~+55°C



### AC514-02

Double channel impulse switch

Max Current: 200A  
Switch Voltage: Max 30V DC  
Working temp: -20°C~+55°C



### AC514-03

3 channel impulse switch

Max Current: 200A  
Switch Voltage: Max 30V DC  
Working temp: -20°C~+55°C





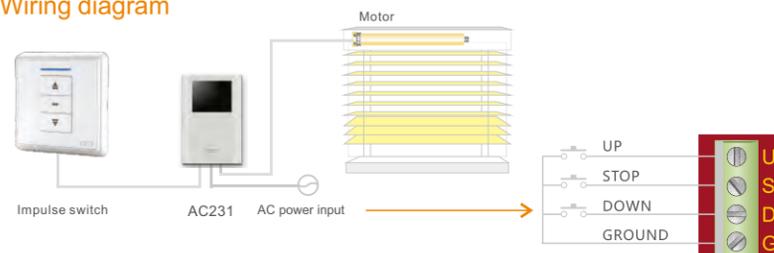
## AC125-02

### Low Voltage Switch

#### Features

- ❖ Low voltage signal output
- ❖ Manual control UP, STOP, DOWN

Wiring diagram



#### Parameters

Working Voltage	Contact Rating	Working Temp.
DC 24V/12V/5V/3.3V	12V 50mA	-20°C ~ +55°C

## AC126-03

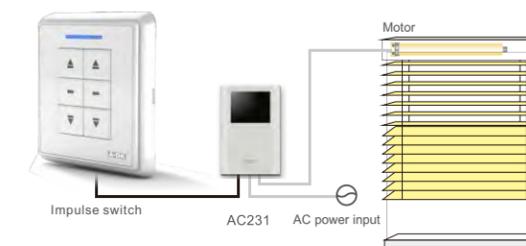
### Low Voltage Control Switch

To provide all kinds of control system with low voltage signal, manual control up, stop, down.

#### Features

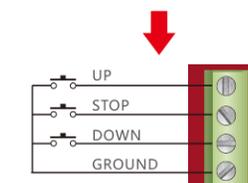
- ❖ Low voltage signal output
- ❖ Manual control UP, STOP, DOWN

Wireless diagram

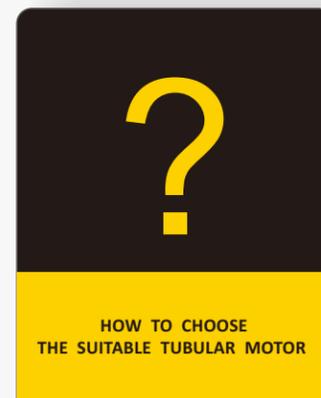


#### Parameters

Model NO.	Working Voltage	Contacting Rating	Working Temp.
AC126-03	24V/12V/5V/3.3V DC	12V 50mA	-20°C~+55°C



**Classic product**  
Tubular Motor series



**1. How to choose the suitable torque motor?**

$$\text{Torque (N.m)} = \text{Reel pipe Radius (mm)} \times \text{Weight (kg)} \div 100$$

If loading is 50kgs?

(Reel pipe Radius=30mm)

Calculation formula:

$$\text{Torque (N.m)} = 30\text{mm} \times 50\text{kg} \div 100 = 15 \text{ (N.m)}$$

**2. What's the rated loading of your motor?**

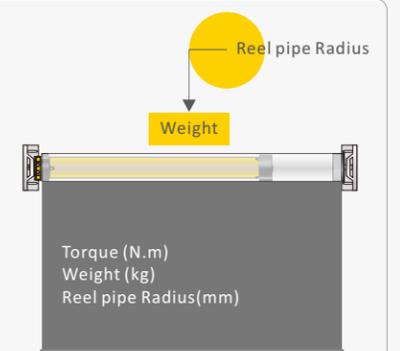
$$\text{Weight (KG)} = \text{Torque (N.m)} \times 100 \div \text{Reel pipe Radius (mm)}$$

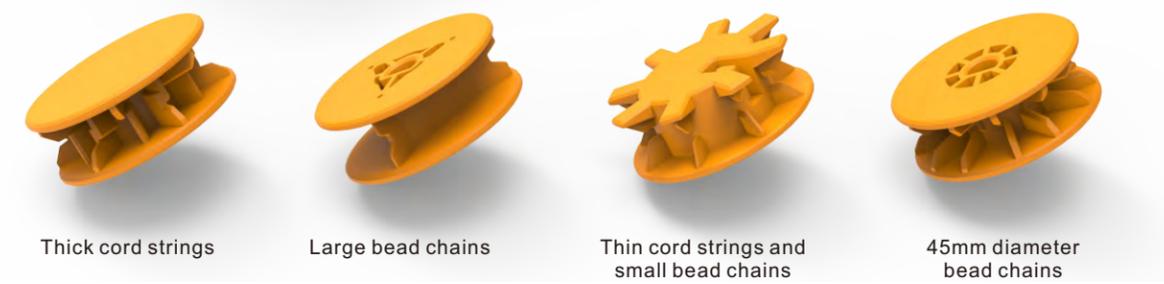
If torque is 15N.m?

(Reel pipe Radius=30mm)

Calculation formula:

$$\text{Loading (KG)} = 15\text{N.m} \times 100 \div 30 \text{ (mm)} = 50\text{KG}$$





Thick cord strings      Large bead chains      Thin cord strings and small bead chains      45mm diameter bead chains

## AM43 Blinds Drive

### Feature

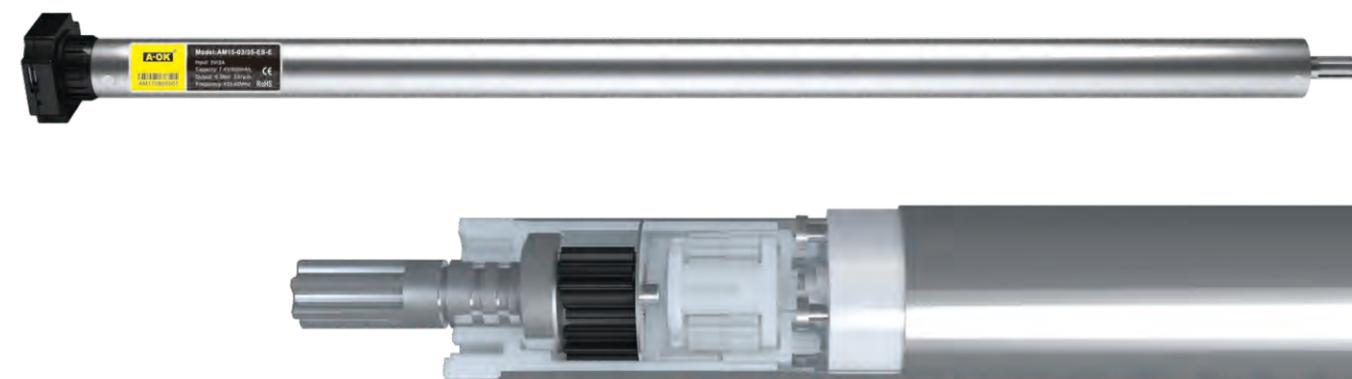
- Mini size design, casing with fireproof material
- Lithium battery built inside, charged by solar panel or battery charger, stop by block function.
- Bluetooth APP control, working on IOS and Android system.
- Adjustable running speed, quiet design, running noise as low as 40dB
- Bluetooth APP to set limits, timing function will close and open blinds automatically.
- Light sensor on solar panel will close or open blinds automatically according to the light intensity.
- Single/group control for optional, soft start and stop function

### Parameters

Product Name	Model No.	Torque	Speed	Size	Rated Voltage	Rated power	IP Class	Working Temp.
AM43 Blind drive motor	AM43-0.45/40-ES	0.45N.m	3.6cm/s	167×43×37.5 mm (L) (W) (H)	8.4V	7.5 W	IP20	-20~ +55°C
AM43 Blind drive motor (Tuya Wi-Fi)	AM43-0.45/40-EB(TY)							
AM43 Blind drive motor (Tuya ZigBee)	AM43-0.45/40-EZ(TY)							
AM43 Blind drive motor (ZigBee)	AM43-0.45/40-EZ							

**A-OK latest blinds drive design makes your traditional manual shades neat and tidy perfectly**

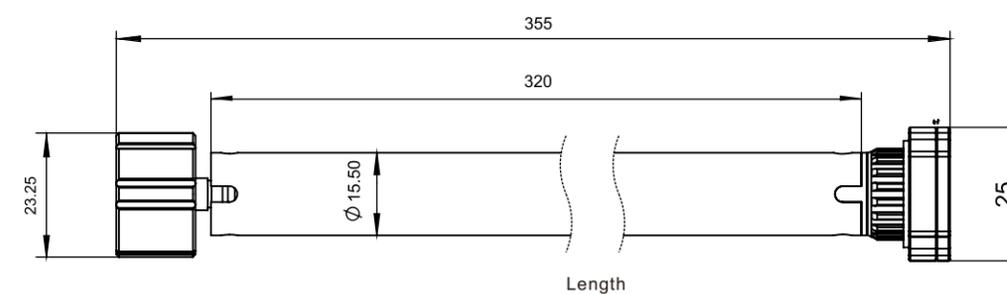
AM43 is designed for various kinds of chain and rope roller blinds, zebra blinds and vertical blinds. This is the first battery built inside blinds drive, it can meet many countries certification request like CE, CCC, BQB, TUV, FCC, ROHS and so on.



## AM15

### Constant Speed Electronic Limit Tubular Motor

AM15 tubular motor is mainly installed into hollow venetian blinds, indoor small size aluminium and wooden slat venetian blinds, widely applied to the office building, meeting room, house etc indoor shading. With the electronic limit switch and built in receiver, easier for installation and operation.

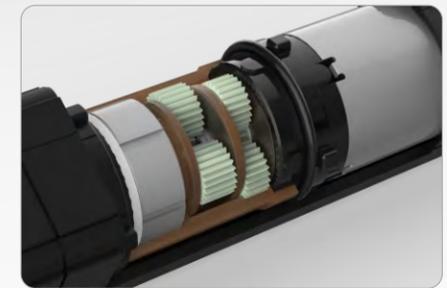
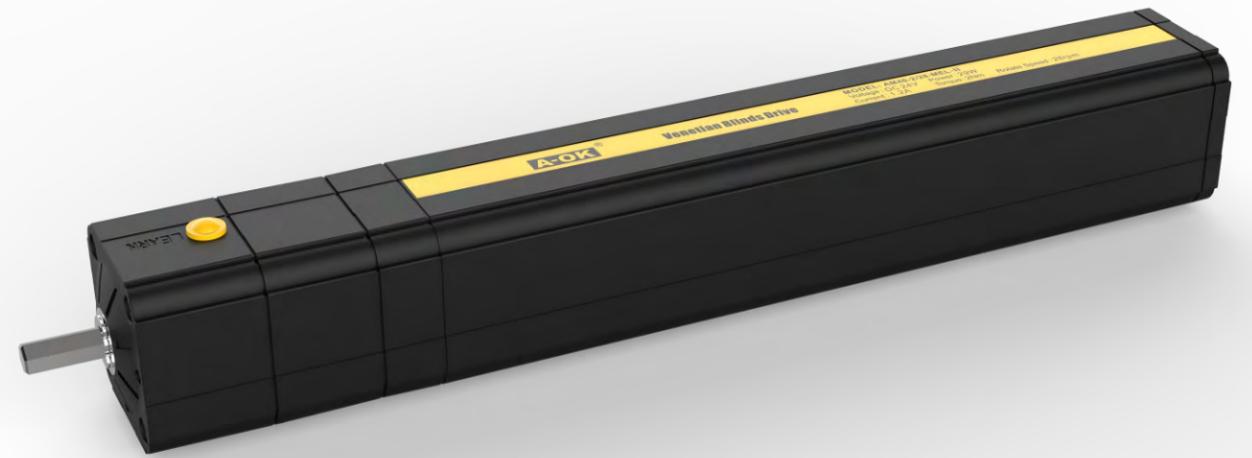


#### Feature

- ❖ 9V lithium battery built inside, full charged will support motor running up and down once for 4 months
- ❖ Quiet running with noise level below 40dB
- ❖ Industrial level electronic components ensure good performance from interference working environment
- ❖ Control board is sealed by plastic box, safe and stable
- ❖ Auto correct limit after power off
- ❖ To set limit by remote, simplify your operation
- ❖ Stop by block to protect object and user from damage
- ❖ Energy saving design with patent, powered by battery pole of solar panel

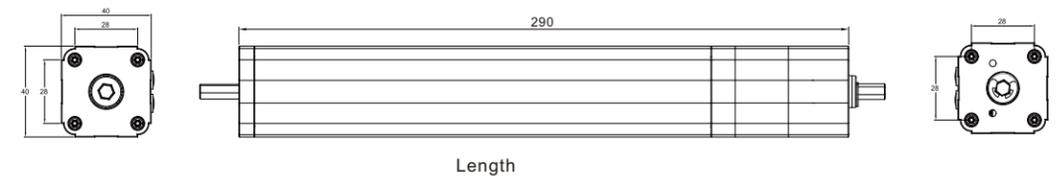
#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Current	Insulation class	Continuous Working Time	Cable Length	Working Temperature
AM15-03/35-ES-E	0.3N.m	35rpm	15mm	DC5V	0.5A	IP44	5mins	15cm	-20°C ~ +55°C



## AM40

Electronic Limit Venetian Blinds Drive



### Feature

- DC24V, low noise running
- Radio built in and tilting function makes easy operation to get favorite ray
- Overloading protection
- Electronic limit, easy for installation
- Double shaft design, available for installation in the middle of top rail
- Soft start and soft stop
- Rubber adaptor on each motor size to lower down the vibration noise when motor runs

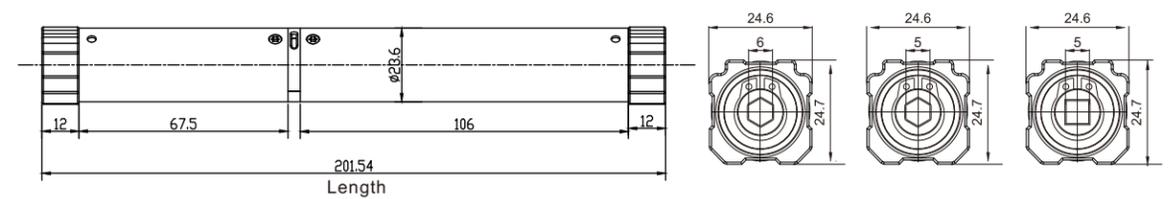
### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Voltage	Current	IP Class	Continuous Working Time	Temperature
AM40-2/28-EL-II	2N.m	28rpm	24mm	24V DC	3A	IP44	5mins	-20°C ~ +55°C



## AM24

Electronic Double Shaft Venetian Blind Drive with Helical Gear ( Special for Skylight)



### Features:

- ❖ DC24V quiet drive
- ❖ Electronic limit design, simplify your setting and operation
- ❖ Rubber adaptors on motor sides will lower down the vibration noise
- ❖ Built-in receiver with tilting function to adjust your light ray
- ❖ Over loading protection will prolong your system life
- ❖ Double shaft, bigger power
- ❖ Soft start and stop function to accurate your light ray
- ❖ Available for square and hexagonal shaft

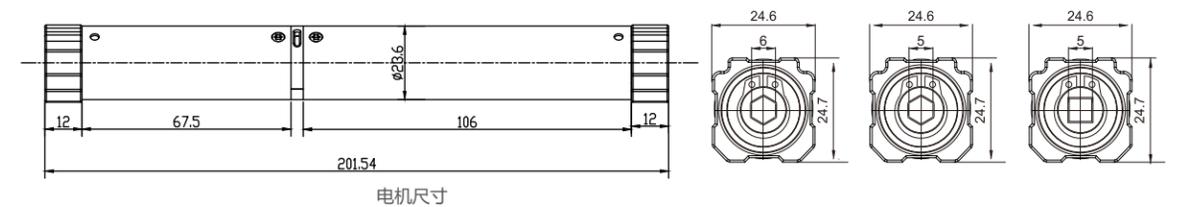
### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Minimum Working Voltage	Rated Current	Insulation class	Continuous Working Time	Working Temperature
AM24-1.2/34-EL-II-H	1.2N.m	34rpm	24mm	DC24V	20V	400mA	IP42	5mins	-20°C ~ +55°C



## AM24

### Mechanical Limit Venetian Blinds Drive



#### Feature

- ❖ Energy saving design with patent, powered by 7.4V battery pole of solar panel;
- ❖ Position sensitivity has the short-circuit protection function and Overloading protection, to longer the system life;
- ❖ Constant speed running under loading or unloading mode to keep your system is always in same speed;
- ❖ Motor can set three limits and save the limits when power off;
- ❖ Industry level electronic components ensure good performance from interference working environment, sensitivity is -110dBm;
- ❖ Soft start and soft stop to get accurate light adjustment;
- ❖ Auto-check motor turns to accurate limits.

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Control Way	Rated Current	Insulation class	Continuous Working Time	Working Temp
AM24B-06/34-ES-I	0.6N.m	34rpm	24mm	7.4V	RF	1.8A	IP44	5min	-20~+55°C
AM24B-08/34-ES-II	0.8N.m	34rpm	24mm	7.4V	RF	1.8A	IP44	5min	-20~+55°C

Product Name	Model No.	Motor Size	Output Voltage	Input Voltage	Battery capacity	Max Current	Working Temp
Battery Pole (special for venetian blinds)	AC704-01	148×24×24mm	7.4V	2600mAH	8.4V	1A	-40°C~+85°C



## AM24 Series | Venetian Blinds Drive

### AM24

Mechanical Limit(Single Drive Shaft) Venetian Blinds Drive



#### Features:

- ❖ DC power supply
- ❖ In conjunction with mechanical limit switch, maximum limit circle 60 turns
- ❖ Quiet design, single drive shaft.
- ❖ Motor ends with rubber adaptors to reduce vibration noise
- ❖ Driving shaft with optional size 6×6mm,5×5mm etc.
- ❖ Constant speed running under loading or unloading mode to keep your system is always in same speed
- ❖ Overload output protection

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Minimum Working Voltage	Rated Current	Insulation class	Continuous Working Time	Working Temperature
AM24-06/34-I-H	0.6N.m	34rpm	24mm	DC24V	20V	400mA	IP42	5mins	-20°C ~ +55°C

### AM24

Mechanical Limit(Double Shafts) Venetian Blinds Constant Speed Drive



#### Features:

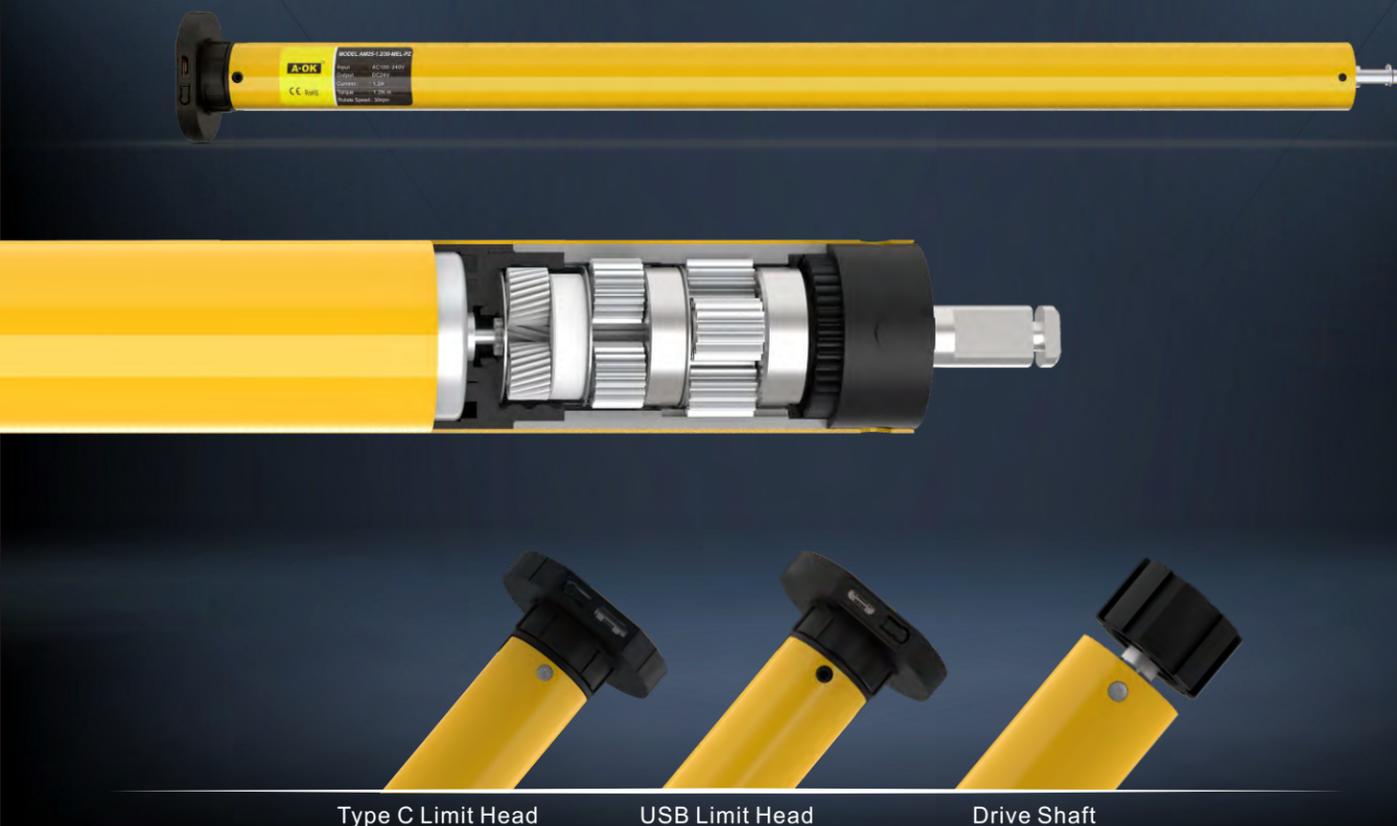
- ❖ DC24V power supply
- ❖ In conjunction with mechanical limit switch, maximum limit circle 60 turns;
- ❖ Motor ends with rubber adaptors to reduce vibration noise;
- ❖ Silent design mechanical structure, double shafts output;
- ❖ Double shafts output, larger torque when installing in middle;
- ❖ Driving shaft with optional size 6\* 6mm, 5\* 5mm etc;
- ❖ Constant speed running under loading or unloading mode to keep your system is always in same speed;
- ❖ Overloading protection.

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Minimum Working Voltage	Rated Current	IP Class	Continuous Working Time	Working Temperature
AM24-08/34-II-H	0.8N.m	34rpm	24mm	DC24V	20V	650mA	IP42	5mins	-20°C ~ +55°C

**AM25** Tubular Motor





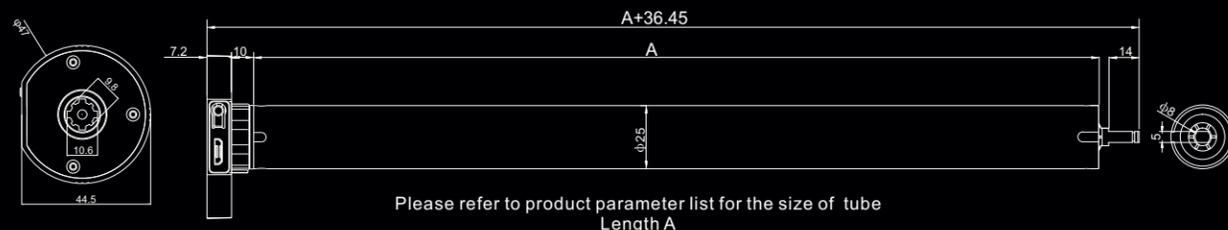
Type C Limit Head

USB Limit Head

Drive Shaft

## AM25 Lithium battery Smart Tubular Motor

AM25 battery motor is mainly applied to interior shades in house, office, hotels, touring RV cars etc. Rechargeable lithium battery built in or connect with external battery pole, purely wireless application, save labor and cost, suit for the applications which are without reserved power supply, effective solutions to solve the power supply troubles.



### Features

- ❖ Rechargeable by lithium battery, battery pole or solar panel;
- ❖ 7.4V lithium battery inside, fully charged will support one up and down operation each day for 6 months;
- ❖ Quiet running with noise level below 30dB;
- ❖ Auto correct limit after power off;
- ❖ To set limit by remote, simplify your operation;
- ❖ Stop by block to protect object and user from damage;
- ❖ Energy saving design with patent, powered by battery;
- ❖ Control board is sealed by plastic box, safe and stable.

### Application

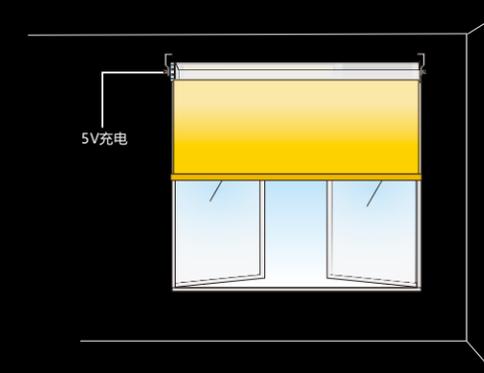
Lithium battery supplying power to motor, suitable for the application lacked of electricity layout, no need to connect the outside receiver, has a simple and clear install environment.



AC407-02  
Smart Home device

AC125-01  
Wall type radio emitter

AC140-02C  
Hand held emitter



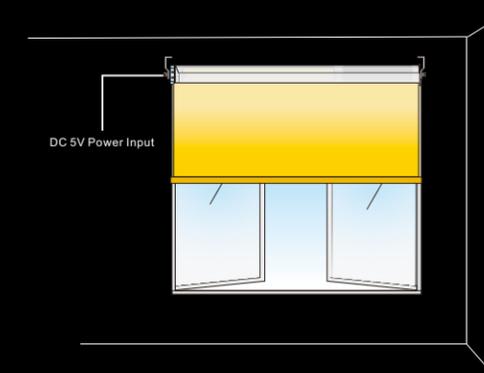
Several control ways can be selected, APP ON THE PHONE, smart home device, Blue-tooth speaker and remotes, easy and flexible.



Smart Phone

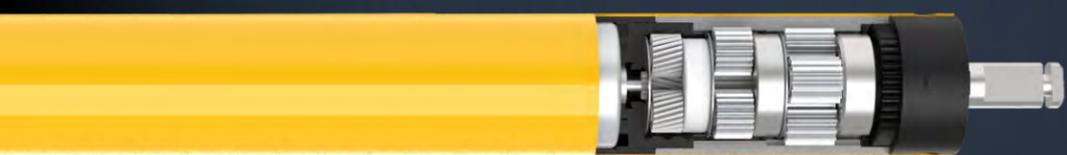
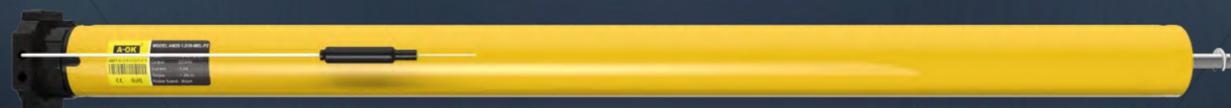
Smart Speaker

AC140-02C  
Hand held emitter



### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Input Voltage	Rated Power	Frequency	IP Class
AM25B-1/30-ES-BT	1N.m	30rpm	25mm	415mm	7.4V	5V	36W	433.92MHz	IP44
AM25C-1/30-ES-BY	1N.m	30rpm	25mm	415mm	7.4V	5V	36W	433.92MHz	IP44



Drive Shaft

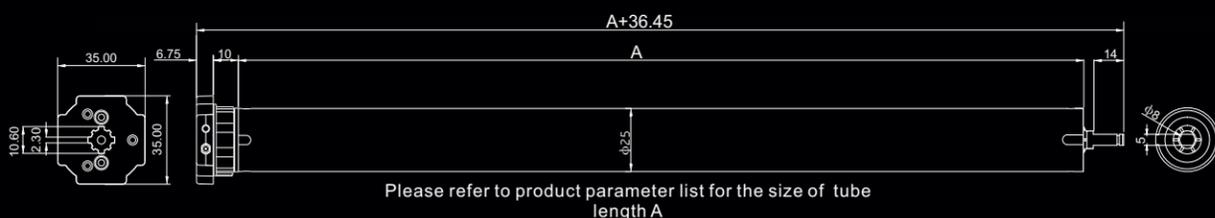
Standard Limit Head

Square Limit Head

## AM25

Intelligent zigbee tubular motor

Brand new solution by Zigbee technology, to meet the high automation requirement for luxury villas and hotels by the 100M stable signal range.



### Features

- ❖ Built in lithium battery type or external battery for optional
- ❖ Fully charged lithium battery will support one up and down operation each day for 6 months.
- ❖ Running noise lower to 40dB
- ❖ Industrial level electronic components ensure good performance from interference working environment
- ❖ Auto correct limit after power off
- ❖ To set limit by remote, simplify your operation
- ❖ Stop by block to protect object and user from damage
- ❖ Energy saving design with patent, powered by battery pole of solar panel
- ❖ Control board is sealed by plastic box, safe and stable
- ❖ To operate your blinds by HOMEMATE app through voice

### Parameters

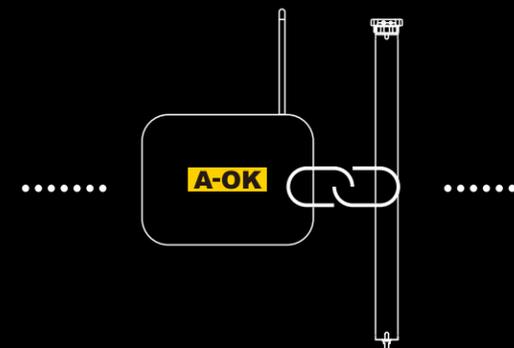
Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	Frequency	IP Class	Sensitivity
AM25-1.2/30-ES-EZ	1.2N.m	30rpm	25mm	415mm	DC7.4V	6.7W	900mA	433.92MHz	IP44	-110dBm
AM25-1.2/30-ES-Z	1.2N.m	30rpm	25mm	260mm	DC12V	6.6W	550mA	433.92MHz	IP44	-110dBm

## Simple Configuration, only 3 steps

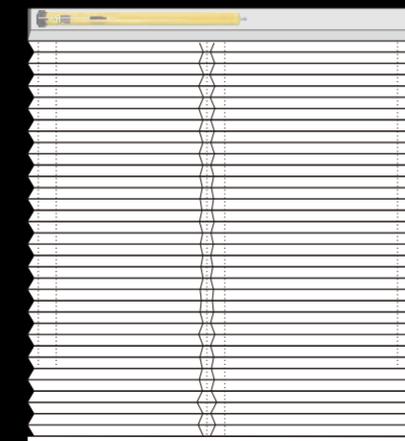
Strong signal cover, 10times than main configuration



Download "HOMEMATE" APP



Pair with smart hub



Connect the tubular motor

## Brand new solution by Zigbee technology, with 100M stable signal range.





AM25 DC tubular motor mainly applied to indoor small roller blinds, pleated screens, honeycomb screens and shading blinds of car, bus, yacht, ship etc. Compatible with all A-OK control system, easy for installation.

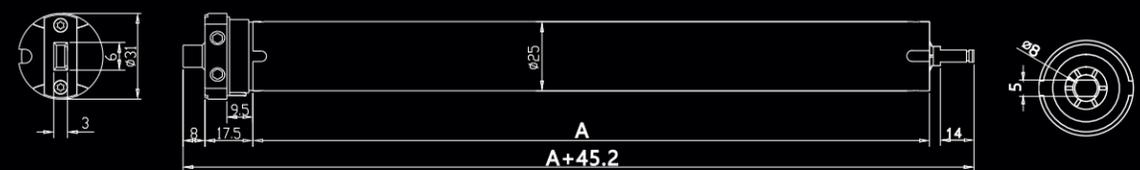
## AM25 Series | TUBULAR MOTOR



驱动轴

限位头

## AM25 DC Tubular motor



Please refer to product parameter list for the size of tube length A

### Features

- ❖ Quiet running with dB level below 40dB
- ❖ DC power supply, environmental protection and energy saving
- ❖ Precise limits with accuracy  $\pm 2^\circ$
- ❖ Maximum limit circle 26 turns

### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM25-1.2/30-D	1.2N.m	30rpm	25mm	280mm	DC12V	11W	900mA	IP44
AM25-1.2/30-D	1.2N.m	30rpm	25mm	280mm	DC24V	11W	450mA	IP44



Drive Shaft

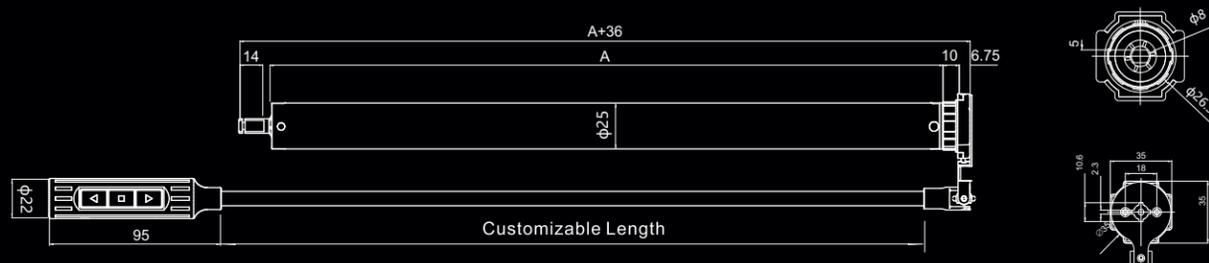
Standard Limit Head

Square Limit Head

## AM25

### Handle external intelligent DC tubular motors

Am25 DC motor is consist of DC motor, reducer, PCB board, shock absorbers and handle controller. It has the characteristics of small volume, light weight, low noise, accurate limit position, strong concealment, convenient installation and so on. Especially the low power consumption design makes the motor runing longer than expects.



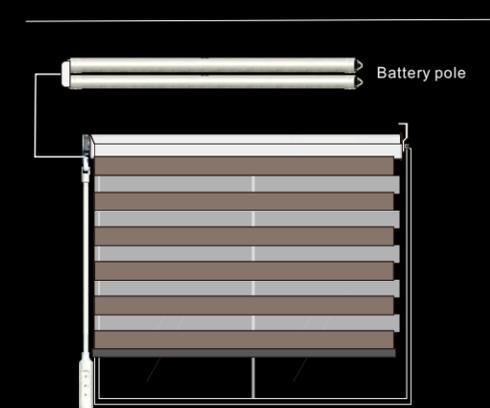
### Features

- ❖ Rechargeable by lithium battery, battery pole or solar panel
- ❖ Helical gear design with patent, noise level is 35dB
- ❖ Auto correct shifting during braking
- ❖ Customized operation stick with PVC sheathed sleeve
- ❖ Wand control makes your system more humanized
- ❖ Obstacle detectable for protection
- ❖ Patented power saving design will make your system to be environmental protection and energy saving

### Application

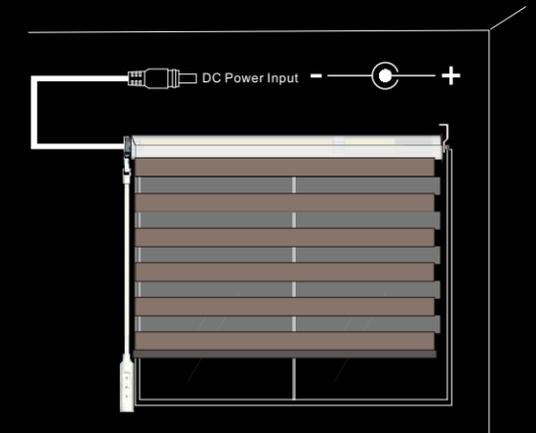
#### Application 1

External battery pole supplying power to motor, suit for the applications which are without reserved power supply, effective solutions to solve the power supply troubles.



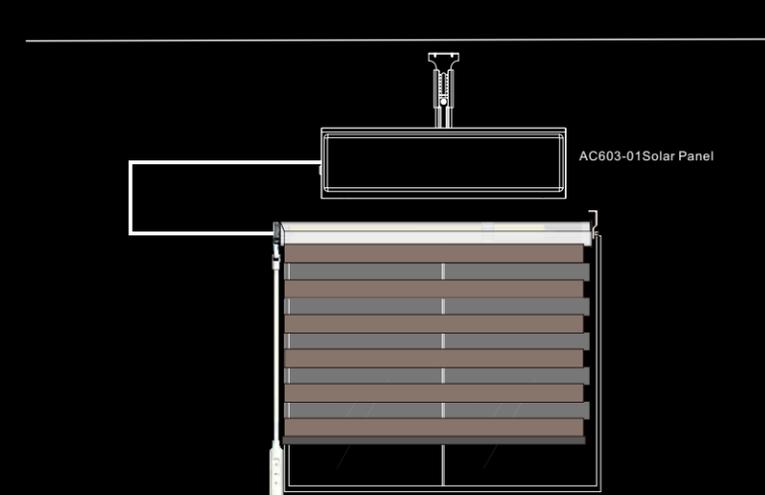
#### Application 2

External DC power supply, can realize manual control up, stop and down function, easy and flexible.



#### Application 3

Connect an external solar panel or battery pole to charge motor, suit for the applications which are without reserved power supply, no need extra cables. Solar energy conversion into electricity, which is energy saving and environmental protection.



### Parameters

Model	Rated Torque	Rated RPM	Diameter	Tube Length A	Rated Voltage	Rated Current	Standby Current	Working Temp	IP Class	Insulation Class
AM25-1.2/30-ES-H	1.2N.m	30rpm	25mm	260mm	DC 12V	≤0.95A	≤20uA	-10°C ~ +60°C	IP42	A
AM25-1.2/30-ES-EH	1.2N.m	30rpm	25mm	415mm	DC 5V	≤0.9A	≤10uA	-10°C ~ +60°C	IP42	A



Drive Shaft

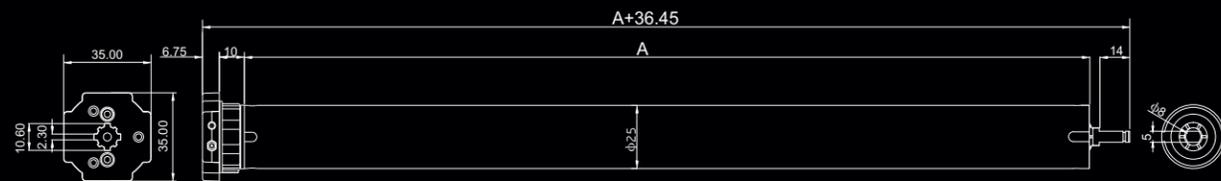
Standard Limit Head

Square Limit Head

## AM25

### Built-in lithium battery DC tubular motor

AM25 battery motor is mainly applied to interior shades in house, office, hotels, touring RV cars etc. Rechargeable lithium battery built in or connect with external battery pole, purely wireless application, save labor and cost, suit for the applications which are without reserved power supply, effective solutions to solve the power supply troubles.



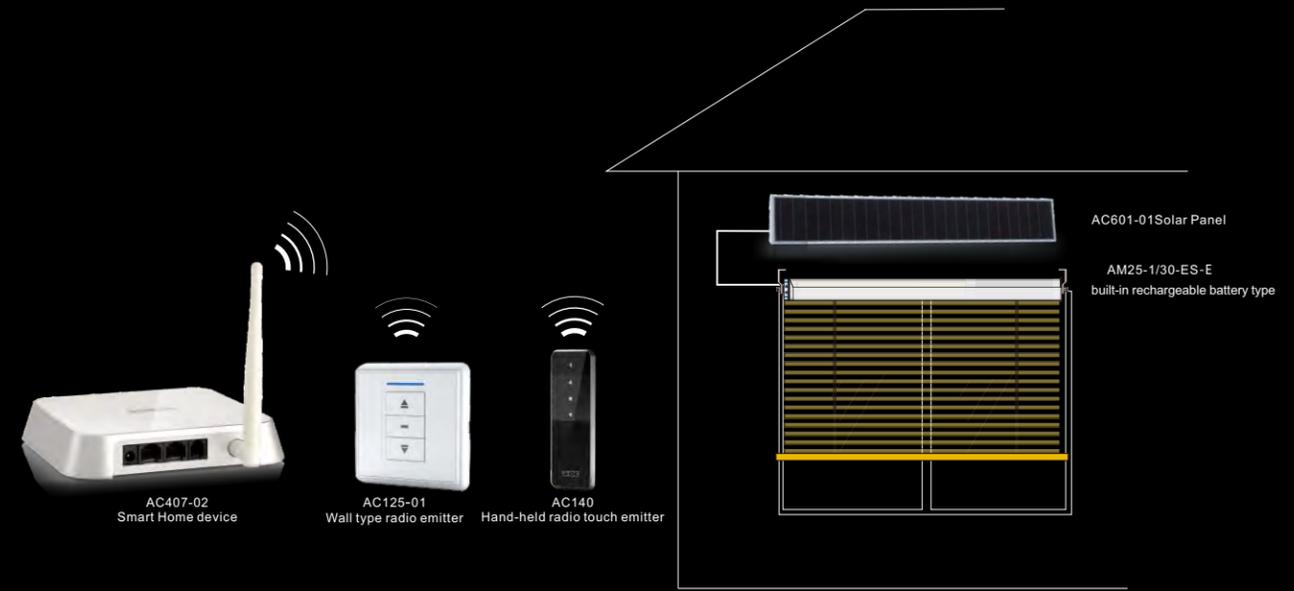
Please refer to product parameter list for the size of tube length A

#### Features

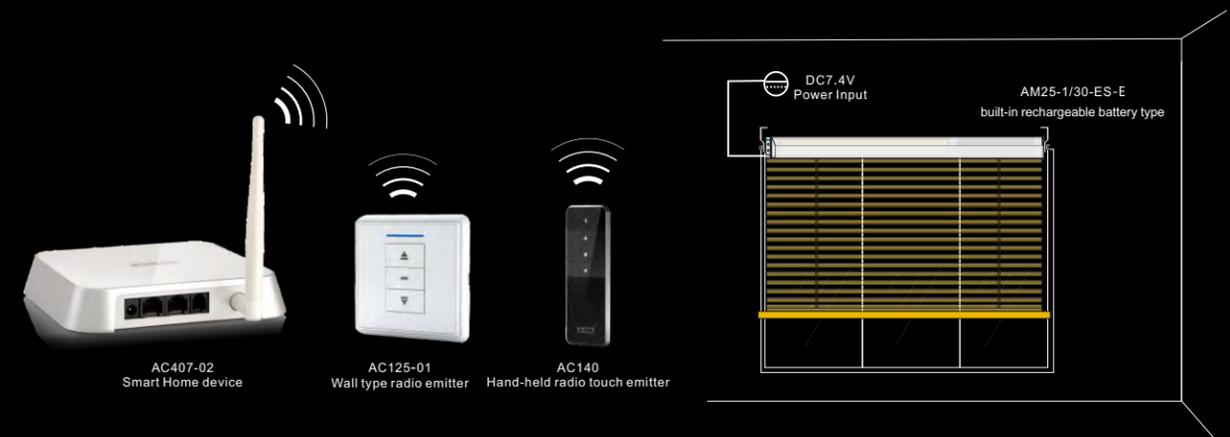
- ❖ Rechargeable by lithium battery, battery pole or solar panel
- ❖ Fully charged lithium battery will support one up and down operation each day for 6 months.
- ❖ Quiet running with noise level below 40dB
- ❖ Industrial level electronic components ensure good performance from interference working environment
- ❖ Auto correct limit after power off
- ❖ To set limit by remote, simplify your operation
- ❖ Stop by block to protect object and user from damage
- ❖ Energy saving design with patent, powered by battery pole of solar panel
- ❖ Control board is sealed by plastic box, safe and stable

#### Application

External DC power supplying power, solar panel or battery pole for option, which take over 4 hours to fully charge. One fully charge able to last half year calculated on the normal operation that 2 opens and closes a day. This solution is the most suitable for the application lacked of electricity layout.



Connect an external DC power supplying to charge the built in lithium battery , which take over 4 hours to fully charge. One fully charge able to last half year calculated on the normal operation that 2 opens and closes a day. This solution is the most suitable for the application lacked of electricity layout.



#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	Frequency	IP Class	Sensitivity
AM25-1.2/30-ES-E	1.2N.m	30rpm	25mm	415mm	DC7.4V	6.7W	900mA	433.92MHz	IP44	-110dBm
AM25-1.2/30-ES	1.2N.m	30rpm	25mm	260mm	DC12V	6.6W	550mA	433.92MHz	IP44	-110dBm



Drive Shaft



Standard Limit Head

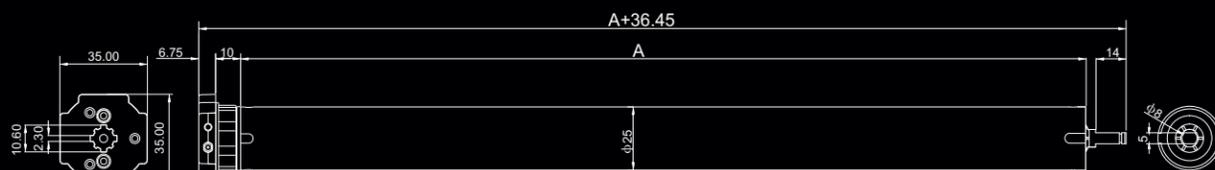


Square Limit Head

## AM25

### AC Power Electronic Limit Tubular Motor

AM25 built-in power supply tubular motor mainly used for interior small size aluminum and wooden venetian blinds, honeycomb blinds etc. With built in receiver, Saves space and builds beauty installation. Also compatible with all A-OK intelligent controllers, bring your office, meeting room, house convenient experiences.



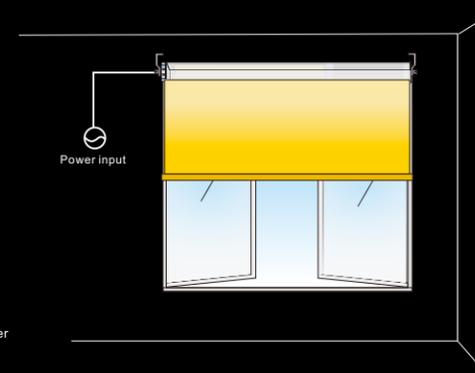
Please refer to product parameter list for the size of tube length A

#### Features

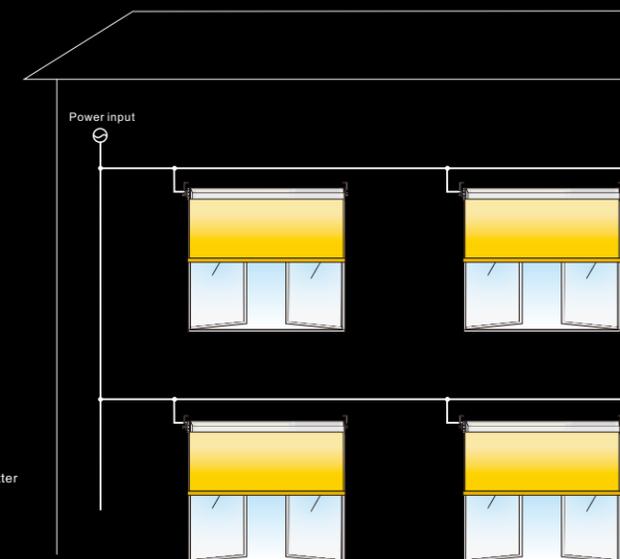
- ❖ Bi-voltage power supply for global market
- ❖ Available for 6 limits
- ❖ Quiet running with noise level below 40dB
- ❖ To set limit by remote, simplify your installation and operation
- ❖ Stock on block function to protect whole system
- ❖ Auto-check running turns to accurate the limits
- ❖ Industry level electronic components ensure good performance from interference working environment, sensitivity is -110dBm
- ❖ Auto correct limit after power off

#### Application

External AC power supply power to motor, suitable for the application with the convenient power connection , no need to connect the outside receiver, has a simple and clear install environment.



External AC power supply power to motor, can be controlled by wireless remote and smart home devices to realize the group control function.

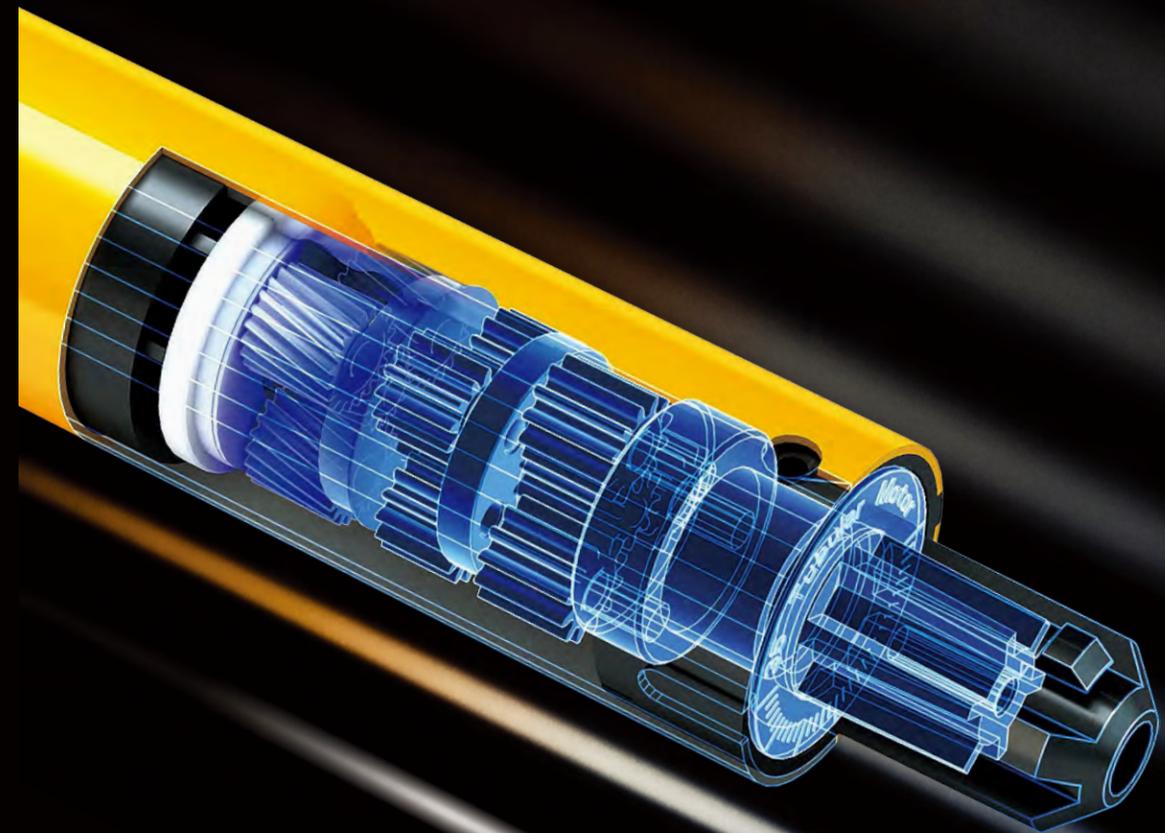


#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Frequency	IP Class
AM25-1/30-MEL-P	1N.m	30rpm	25mm	415mm	100-240V	36W	433.92MHz	IP44
AM25-1.2/30-MEL-P	1.2N.m	30rpm	25mm	415mm	100-240V	36W	433.92MHz	IP44



# **AM35 Tubular Motor**





Standard Limit Head

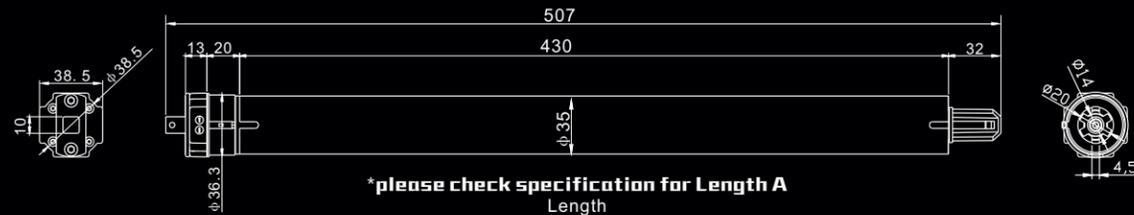
Type Drive Shaft

Type Drive Shaft

## AM35

### AC input electronic limit constant speed tubular motor

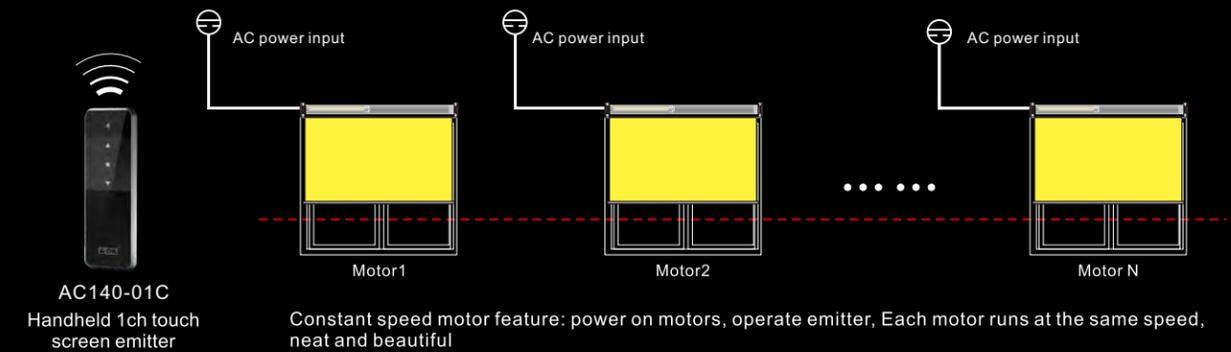
AM35 Series tubular motor mainly used for motorized roller shutter, motorized projection screen, Actuating device for automatic operation.



### Features

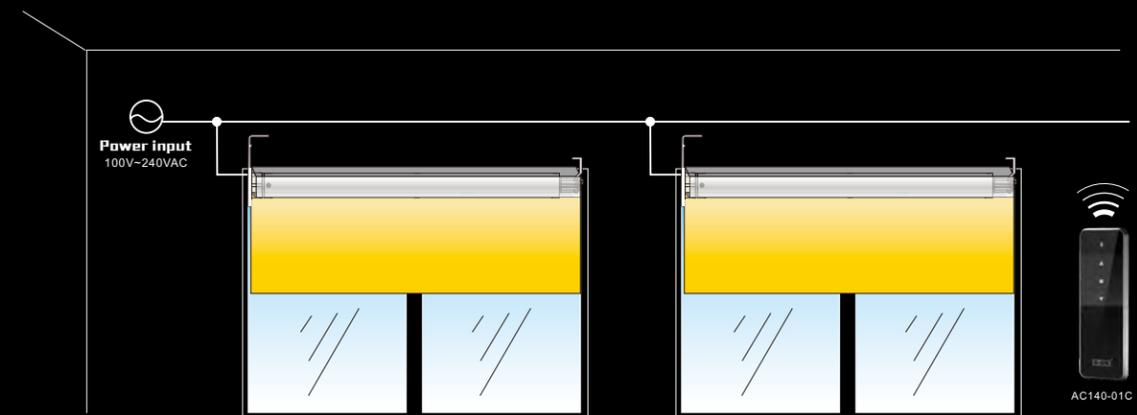
- ❖ Able to set 6 limits, Power-off limit memory;
- ❖ Support external dry contact pulse switch control;
- ❖ Simple operation to switch dot/ continuous move mode and running direction;
- ❖ Hall sensor for High precise limits;
- ❖ Position sensor open circuit short circuit protection function, Stop by block to avoid any damage;
- ❖ RS485 set dot move angle, dot/ continuous move mode running direction and Baud rate.

### Constant speed Demonstration



### Application

Wireless remote control: operate with remote control, Easy operation and adjustment.



### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-3/25-MEL-P	3N.m	25rpm	35mm	100V~240VAC	24W	2A	IP44
AM35-6/18-MEL-P	6N.m	18rpm	35mm	100V~240VAC	36W	3A	IP44

# AM35 Series Tubular Motor



Standard Limit Head

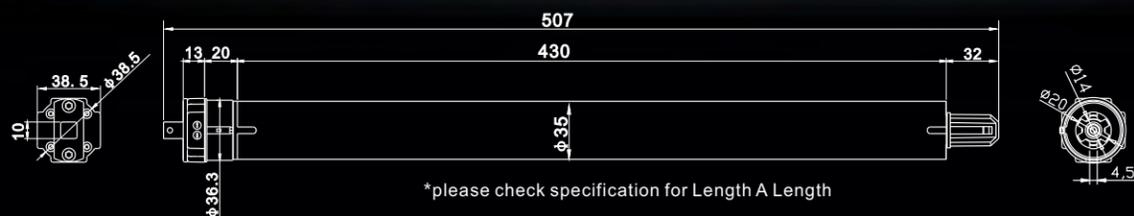
Type Drive Shaft

Type Drive Shaft

## AM35

### Zigbee multi-electronic limit tubular motor

Brand new Zigbee solution, coverage range up to 100m, More powerful and stable to meet the large villas, hotels and other large space intelligent linkage demand, to make the intelligent linkage more efficient and stable



#### Features

- ❖ Control by A-OK Smarthome APP and Voice Robot to achieve Intelligent curtain lifting;
- ❖ Quiet design, lower to 45dB;
- ❖ Double sided brake structure with patent;
- ❖ Accurate SMT assembly, damp-proof treatment on surface;
- ❖ Super heterodyne receiving molding, sensitivity up to -110dBm;
- ❖ Automatically set limits by remote, suitable for inconvenient installation and debugging places;
- ❖ Simple to operate and set limit
- ❖ Stop and rebound by block, protect system and be safe to use
- ❖ Adopt double hall sensor rotor speed pulse data, accurate and reliable, with function of correcting the displacement generated by the brake to ensure accurate long-term positioning
- ❖ Set multiple 6 limits, personalized setting
- ❖ Motor with sealed structure remote control and electronic positioning mechanism, reduce electromagnetic interference safe and reliable

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM35-6/28-MEL-PZ	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-8/19-MEL-PZ	8N.m	19rpm	35mm	230V	115W	0.485A	IP44
120V AC 60Hz							
AM35-6/28-MEL-PZ	6N.m	28rpm	35mm	120V	115W	1.1A	IP44
AM35-8/19-MEL-PZ	8N.m	19rpm	35mm	120V	115W	1.1A	IP44

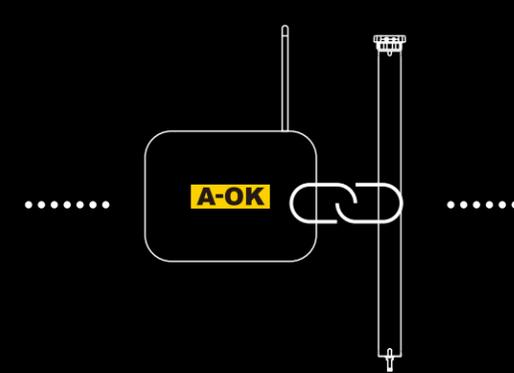
# AM35 Series Tubular Motor

## 3 steps set up

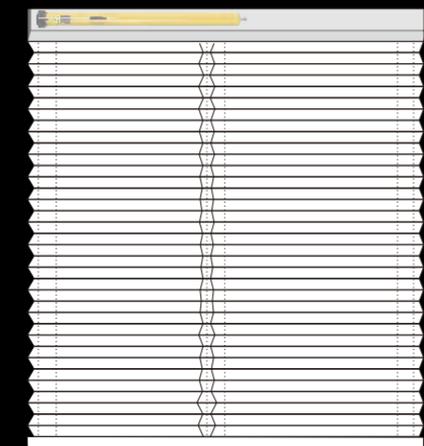
Powerful signal coverage, 10 times to Mainstream configuration  
Match with special Zigbee emitter



Download and install "A-smart home" app

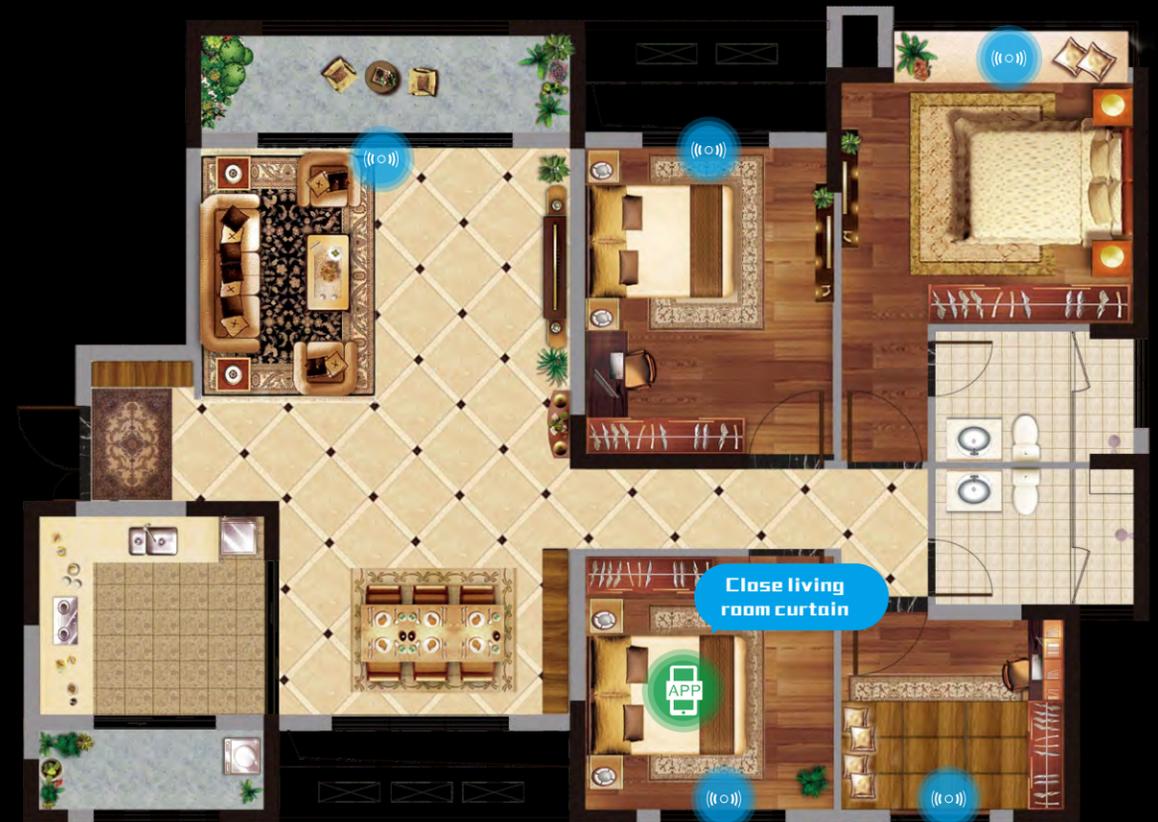


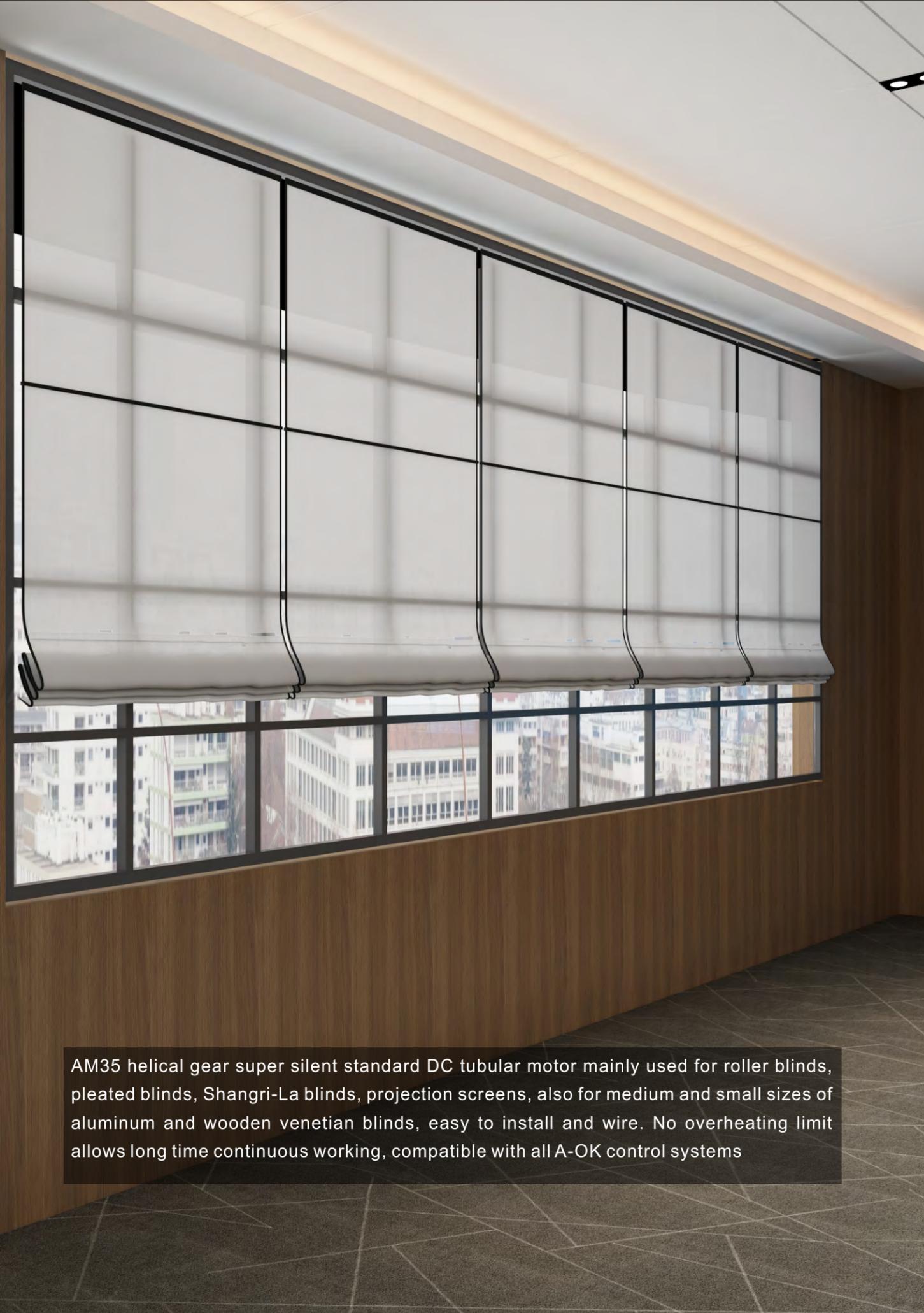
Pairing with Smart gateway



add smart curtain motor start using

## Powerful signal coverage, Break through the Mainstream configuration Brand new Zigbee solution, coverage range up to 100m





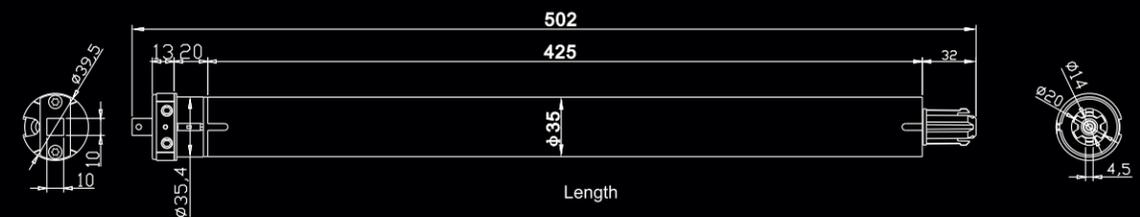
AM35 helical gear super silent standard DC tubular motor mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, also for medium and small sizes of aluminum and wooden venetian blinds, easy to install and wire. No overheating limit allows long time continuous working, compatible with all A-OK control systems

## AM35 Series | Tubular Motor



### AM35 Helical Gear Quiet DC Tubular Motor

AM35 helical gear super silent standard DC tubular motor mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, also for medium and small sizes of aluminum and wooden venetian blinds, easy to install and wire. No overheating limit allows long time continuous working, compatible with all A-OK control systems.



#### Features

- ✦ International leading quiet technology by helical gears
- ✦ Running noise as low as 30dB
- ✦ Repeat positioning accuracy as low as 2 degrees
- ✦ DC power supply, energy saving design
- ✦ Max running circles can be 32 circles and 45 circles
- ✦ Solar panel and rechargeable battery pole powered are for optional
- ✦ Double breaking design with patent

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-3/25-DQ	3N.m	20rpm	35mm	DC 12V	24W	2A	IP44
AM35-10/13-DQ	10N.m	13rpm	35mm	DC 12V	36W	3A	IP44



## AM35 Series | Tubular Motor



Standard Limit Head



B Type Drive Shaft

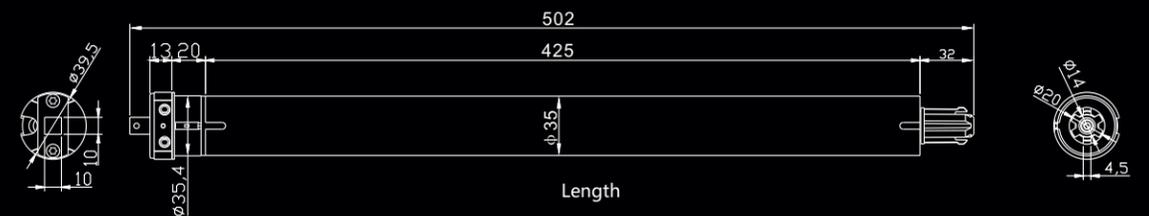


A Type Drive Shaft

## AM35

### Multiple Electronic Limits DC Rebound Tubular Motor

AM35 DC rebound motor use for place without pre-arranged power supply, it can be powered by external lithium battery bar and solar energy. Automatically limit set up, rebound when encountering resistance, simple operation and high safety performance. It is widely used in automatic rolling shutter, motorized zip screen, motorized roller blinds.



#### Features

- ❖ Power by Li-ion battery, built-in or external optional
- ❖ Running noise as low as 40dB
- ❖ Self-correction function for the displacement caused by braking
- ❖ Built-in Control board covered by sealed box, high Safety performance
- ❖ Automatic limit setting with remote control, suitable for inconvenient installation and adjustment places
- ❖ Stop and rebound by block, protect system and be safe to use
- ❖ Patented energy saving design, powered by battery pole or solar panel

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-6/18-ES-D	6N.m	18rpm	35mm	DC 12V	36W	3A	IP44
AM35-10/13-ES-D	10N.m	13rpm	35mm	DC 12V	36W	3A	IP44



Standard Limit Head



B Type Drive Shaft

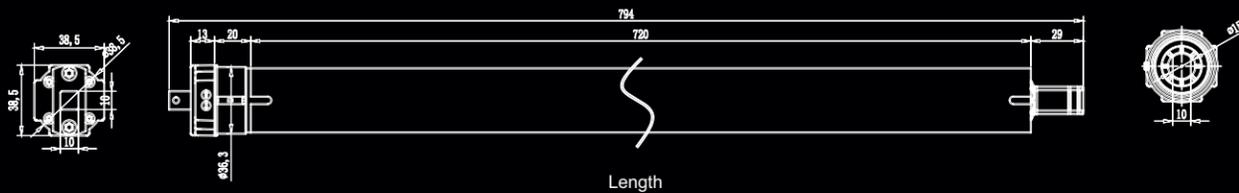


A Type Drive Shaft

## AM35

### Built-in Lithium Battery Radio Tubular Motor

AM35 energy saving built-in battery tubular motor mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, also for medium and small sizes of aluminum and wooden venetian blinds, easy to install and wire. No overheating limit allows long time continuous working, compatible with all A-OK control systems.

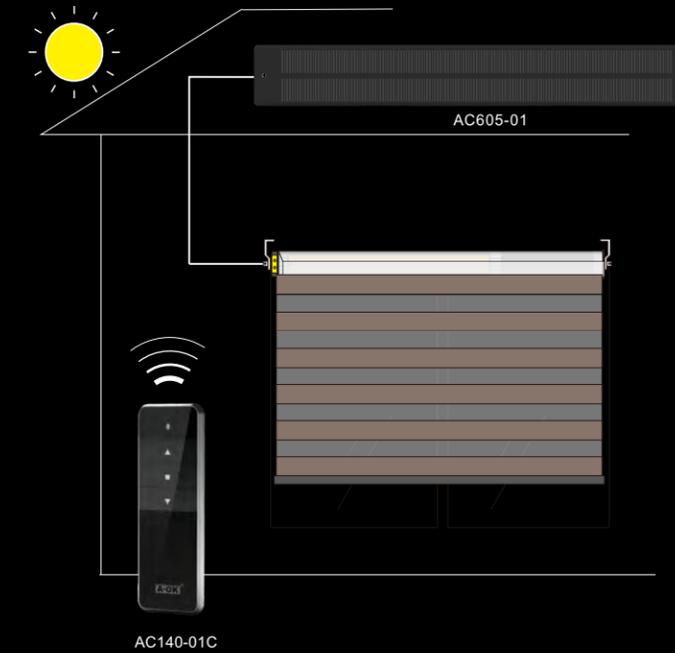


#### Features

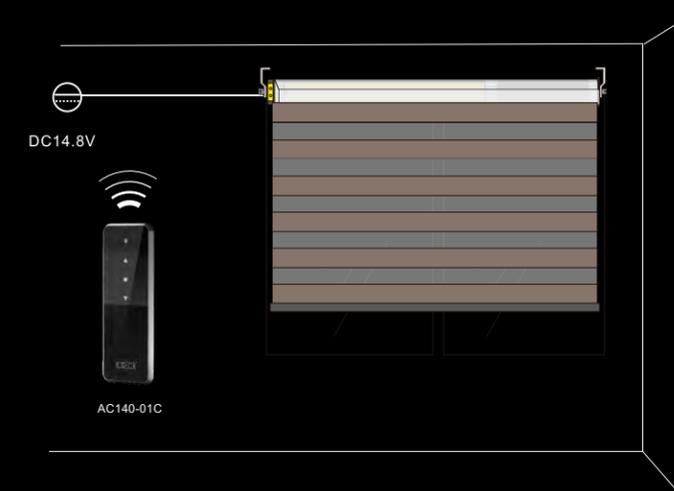
- ❖ Power by built-in or external Li-ion battery optional
- ❖ Built-in Li-ion Battery 14.8V/3000mAh
- ❖ Running noise as low as 40dB
- ❖ Self-correction function for the displacement caused by braking
- ❖ Support external dry contact wire
- ❖ Automatic limit setting with remote control, suitable for inconvenient installation and adjustment places
- ❖ Stop and rebound by block, protect system and be safe to use
- ❖ Patented energy saving design, powered by battery pole or solar panel
- ❖ Built-in Control board covered by sealed box, high Safety performance

#### Application

Solar panel for built-in battery charging, suitable for the places where didn't reserve power supply, and effectively solves the trouble of having no reserved power supply



Use external DC power supply, to control motor run Up Down Stop, easy operation and stable performance.



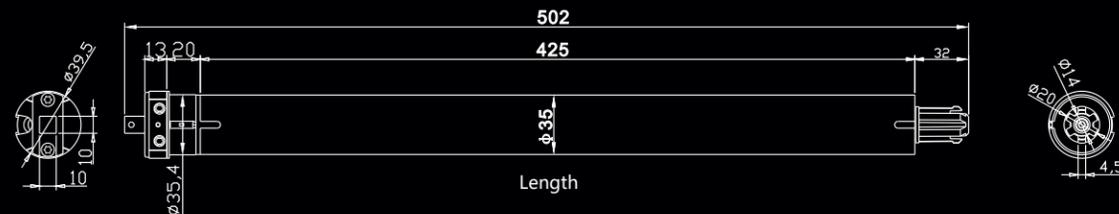
#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AM35-6/18-ES-E	6N.m	18rpm	35mm	DC 14.8V	36W	3A	IP44



**AM35**  
Helical Gear Quiet Standard Tubular Motor

AM35 helical gear standard super quiet tubular motor mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, also for medium and small sizes of aluminum and wooden venetian blinds, easy to install and wire. No overheating limit allows long time continuous working, compatible with all A-OK control systems.

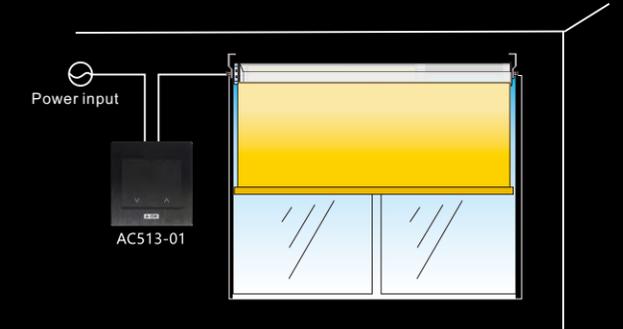


**Features**

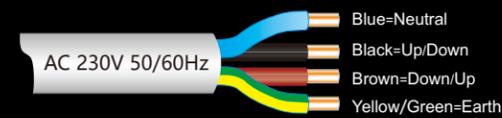
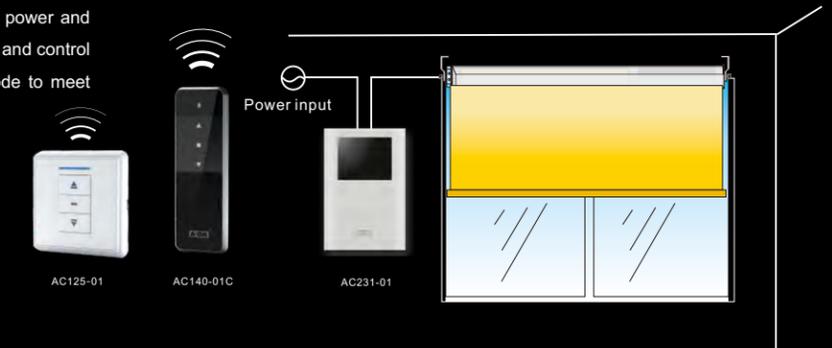
- ❖ Leading quiet technology with patent Running noise is as low as 30dB
- ❖ Unique torque output structure design to reduce the vibration of the motor output
- ❖ Repeat positioning accuracy as low as 2 degrees
- ❖ Max. limit circle is 32 circles or 45 circles

**Application**

Using AC power supply, suitable for easy access to power and other places to use, can be external switch control, to achieve the stop function, easy to operate, safe and reliable.



Using AC power supply, suitable for easy access to power and other places to use, can be connected to RF receiver and control with Emitter, Flexible and multi-choice operation mode to meet more customer needs.



**Parameters**

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM35-6/28-Q	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-8/19-Q	8N.m	19rpm	35mm	230V	115W	0.485A	IP44
120V AC 60Hz							
AM35-6/28-Q	6N.m	28rpm	35mm	120V	130W	1.1A	IP44
AM35-8/19-Q	8N.m	19rpm	35mm	120V	130W	1.1A	IP44



AM35 helical gear built-in receiver super quiet tubular motor Suitable for installation in a clean environment requirement, do not allow the receiver exposed places. mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, also for medium and small sizes of aluminum and wooden venetian blinds, high accuracy mechanical limit switch. Support external switch, compatible with all A-OK control systems.

## AM35 Series | Tubular Motor



Standard Limit Head    25° Angle Limit Head    Inner Parallel Limit Head    Outer Parallel Limit Head    B Type Drive Shaft    A Type Drive Shaft

### AM35 Helical Gear Quiet Built In Radio Tubular Motor



#### Features

- ✦ Mechanical limit, built-in receiver
- ✦ World leading quiet technology with patent helical gear super silent structure design Running noise is as low as 30dB
- ✦ Repeat positioning accuracy as low as 2 degrees
- ✦ Max. limit circle is 32 circles or 45 circles
- ✦ Adopt shock-resistant current relay
- ✦ Industrial level MCU, working temp -45-85 degree
- ✦ The components adopt precision SMT technology and the surface is moisture-proof
- ✦ Compatible with all A-OK control systems

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM35-6/28-QE	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-8/19-QE	8N.m	19rpm	35mm	230V	115W	0.485A	IP44
120V AC 60Hz							
AM35-6/28-QE	6N.m	28rpm	35mm	120V	130W	1.1A	IP44
AM35-8/19-QE	8N.m	19rpm	35mm	120V	130W	1.1A	IP44

# AM35 Series Tubular Motor



Standard Limit Head

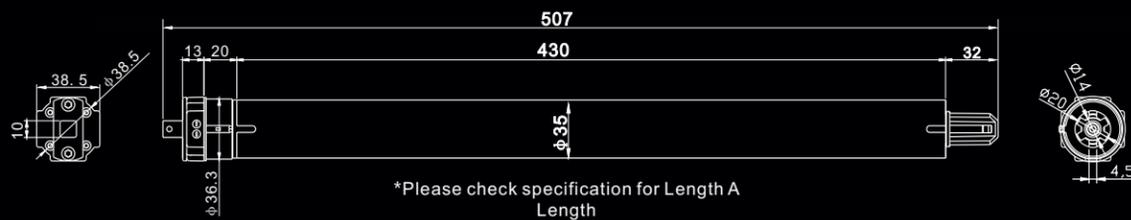
B Type Drive Shaft

A Type Drive Shaft

## AM35

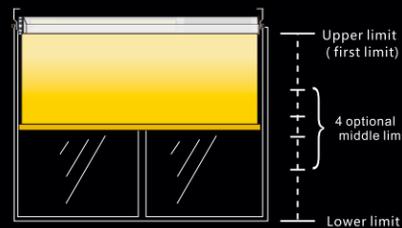
### Helical Gear Quiet Electronic Limit Tubular Motor

AM35 helical gear multi-electronic limit tubular motor mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, and wooden venetian blinds.



**?** Are you still stuck for dropping the blinds to keep the comfortable indoor sunlight?  
 A-OK multiple electronic limits motor could provide you good functions more than that:  
 1. Beside the upper and lower limits, it has programmable 4 more middle limits. You can set 2 or more limits according to the angle of sunlight in morning and afternoon, then easier to drop the blinds to the suitable level for a comfortable indoor ray.  
 2. Moreover, it solve perfect when the various shapes and sizes window in one room, you want to all the window blinds closed in one line.

**Advantages of A-OK multi limits motor**



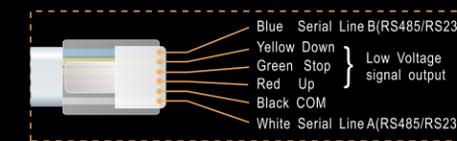
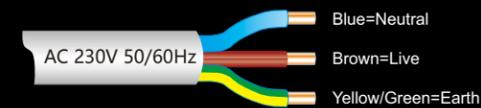
#### Features

- ❖ Leading quiet technology with patent Quiet run, noise lower to 30dB;
- ❖ Able to set 6 limits (two ends limits and 4 programmable limits);
- ❖ With interface of RS485/232, convenient for center control;
- ❖ Able to connect with external switch;
- ❖ Simple operation processing, quicker setting;
- ❖ Shock resistance relay to ensure motor running steadily;
- ❖ Stop by block to avoid any damage;
- ❖ Brake offset self-correction;
- ❖ High precise limits;
- ❖ Super heterodyne receiving molding, sensitivity up to -110dBm.

# AM35 Series Tubular Motor

#### Application

Computer Group Control: using AC power supply, suitable for convenient power access places, support external dry contact switch, support building management system with computer.



#### Parameters

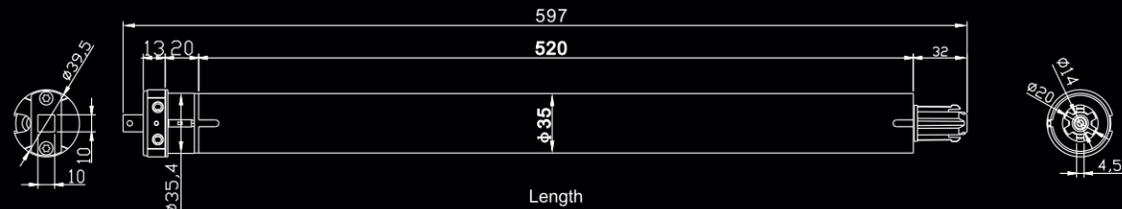
Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM35-3/28-QMEL	3N.m	28rpm	35mm	230V	85W	0.38A	IP44
AM35-6/28-QMEL	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-8/19-QMEL	8N.m	19rpm	35mm	230V	115W	0.485A	IP44
AM35-10/14-QMEL	10N.m	14rpm	35mm	230V	115W	0.485A	IP44
120V AC 60Hz							
AM35-3/28-QMEL	3N.m	28rpm	35mm	120V	85W	1.0A	IP44
AM35-6/28-QMEL	6N.m	28rpm	35mm	120V	115W	1.1A	IP44
AM35-8/19-QMEL	8N.m	19rpm	35mm	120V	115W	1.1A	IP44
AM35-10/14-QMEL	10N.m	14rpm	35mm	120V	115W	1.1A	IP44



## AM35

### Parallel Connection Tubular Motor

Multi-motor parallel connection can be implemented to achieve reliable group control, simple wiring, easy engineering installation.

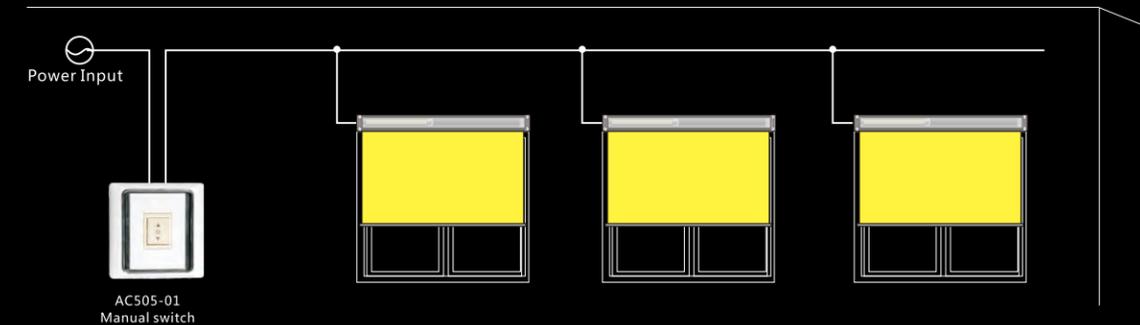


#### Features

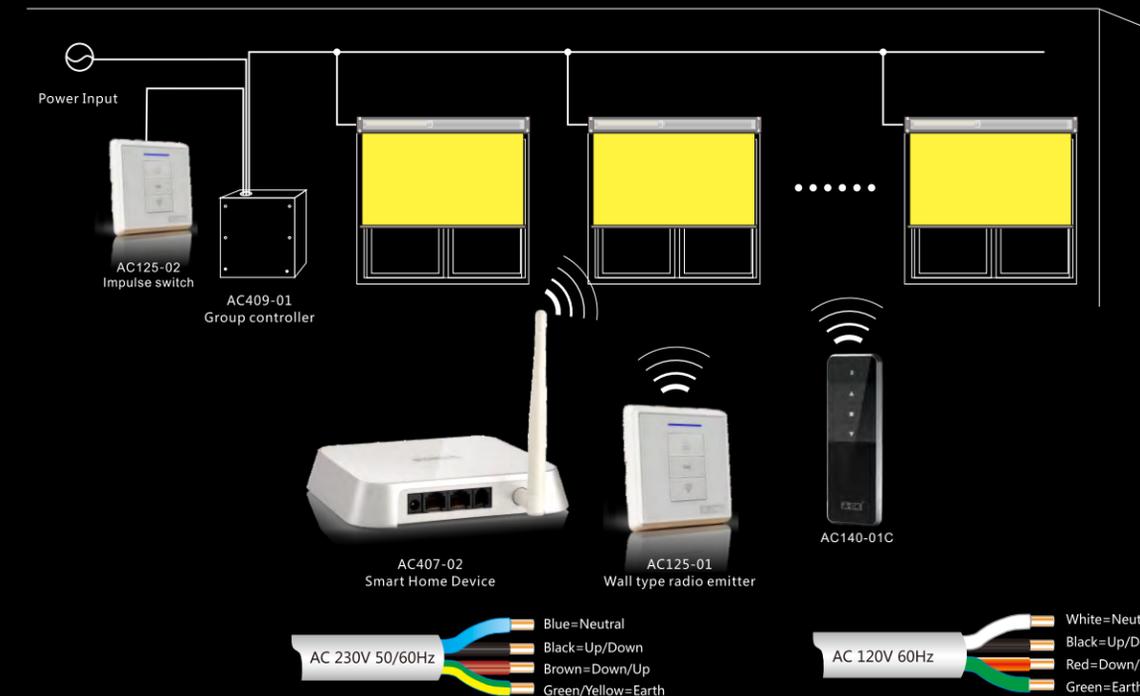
- ❖ Leading quiet technology with patent Quiet run, noise lower to 45dB;
- ❖ Can be connected in parallel with a plurality of parallel motors or can be used independently;
- ❖ Double sided brake structure with patent;
- ❖ Repeat positioning accuracy as low as 2 degrees;
- ❖ Max. limit circle is 32 circles.

#### Application

Group control A: AC power supply, can be realized group control by external mechanical manual switch to control several motors in parallel.

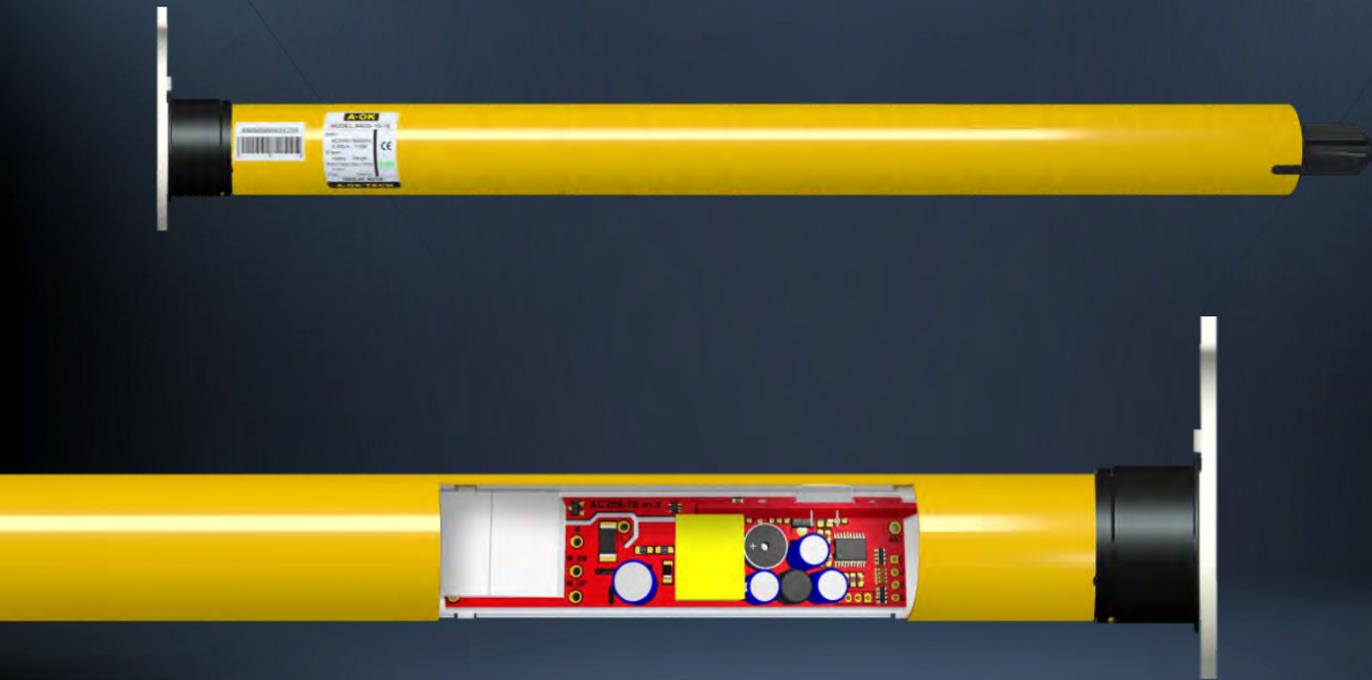


Group control B: AC power supply, control more than 30 group motors to realize building group control system by connecting with group controllers. Remote control or center control is optional.



#### Parameters

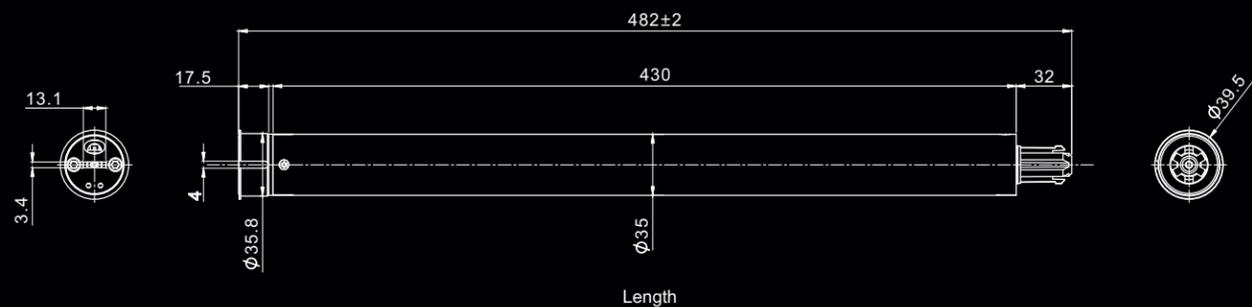
Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
AC230V 50/60Hz							
AM35-3/28-G	3N.m	28rpm	35mm	230V	85W	0.38A	IP44
AM35-6/28-G	6N.m	28rpm	35mm	230V	115W	0.485A	IP44
AM35-8/19-G	8N.m	19rpm	35mm	230V	115W	0.485A	IP44
AM35-10/14-G	10N.m	14rpm	35mm	230V	115W	0.485A	IP44
AC120V 60Hz							
AM35-3/28-G	3N.m	28rpm	35mm	120V	120W	1.0A	IP44
AM35-6/28-G	6N.m	28rpm	35mm	120V	130W	1.1A	IP44
AM35-8/19-G	8N.m	19rpm	35mm	120V	130W	1.1A	IP44
AM35-10/14-G	10N.m	14rpm	35mm	120V	130W	1.1A	IP44



## AM35

### Zero clearance stroke electronic limit ultra-quiet tubular motor

AM35 zero gap helical gear multi-electronic limit tubular motor mainly used for roller blinds, pleated blinds, Shangri-La blinds, projection screens, and wooden venetian blinds.



#### Features

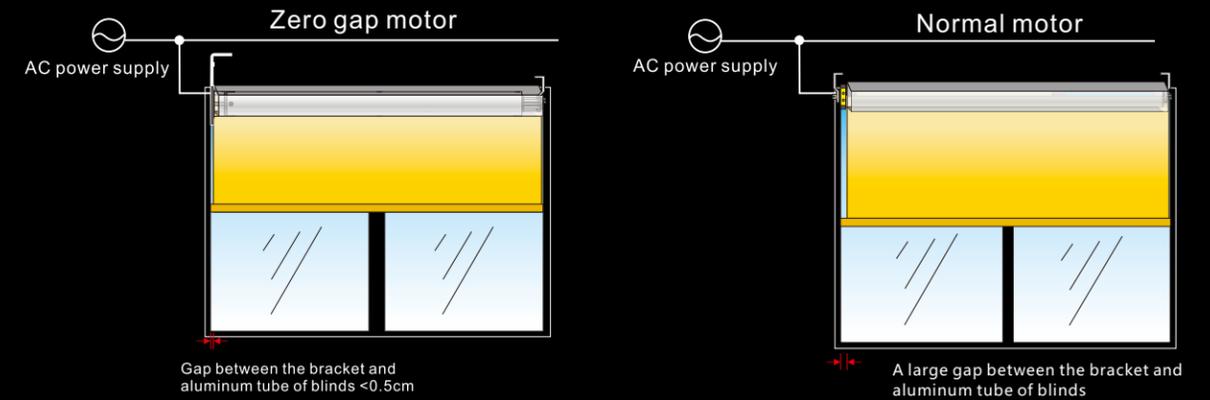
- ❖ Able to set 6 limits (two ends limits and 4 programmable limits);
- ❖ Super heterodyne receiving molding, sensitivity up to -110dBm;
- ❖ Self-correction function for the displacement caused by braking;
- ❖ Simple to operate and setting;
- ❖ Gap<0.5cm protect your privacy;
- ❖ The core components adopt imported brands to ensure the long-term stability of the motor
- ❖ Stop and rebound by block, protect system and be safe to use
- ❖ Hall sensor for High precise limits
- ❖ Leading quiet technology with patent Running noise is as low as 30dB



What are the advantages of Zero clearance stroke?

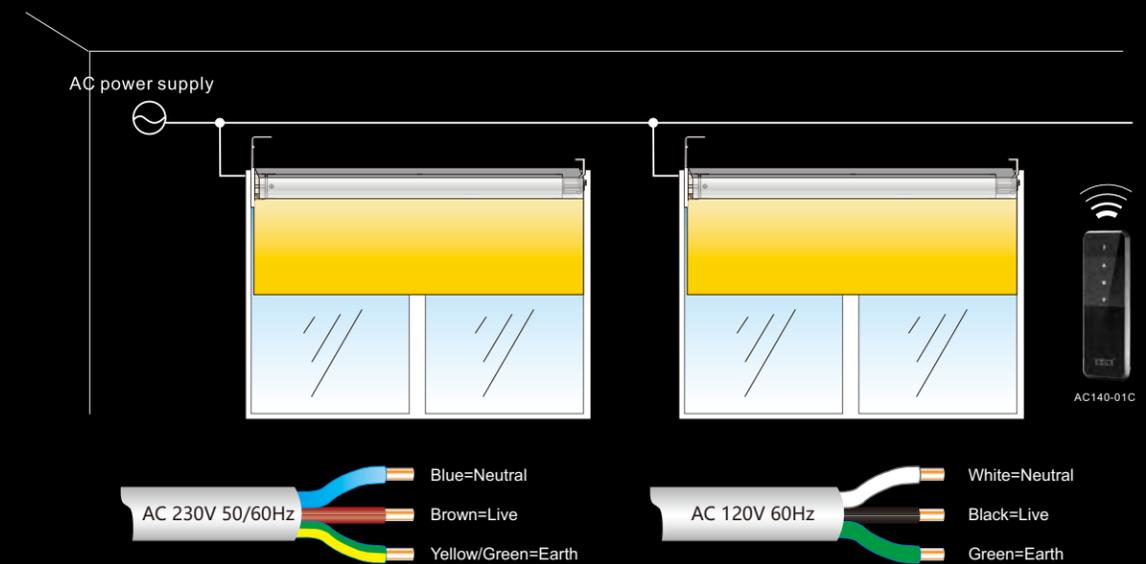
The gap between the bracket and aluminum tube of blinds can be narrowed down to zero. Just because the motor head can be hidden inside the tube. Highlight advantages: new solution to customer, there is no more light leaking from outside to protect your eyeballs.

Comparison chart between Zero clearance stroke motor and common motor:



#### Application

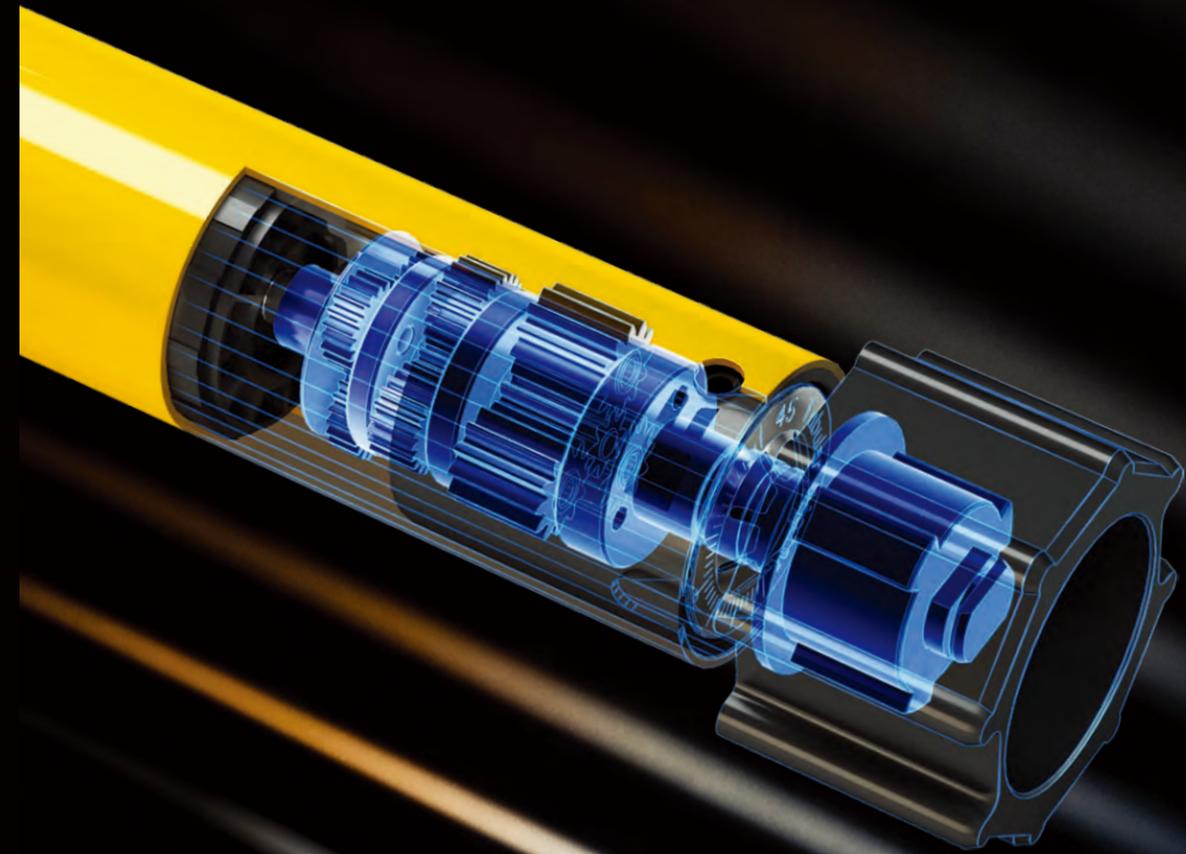
Wireless remote control: operate with remote control, Easy operation and adjustment.

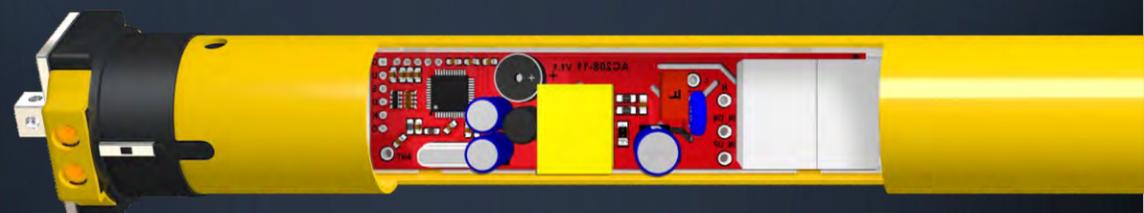
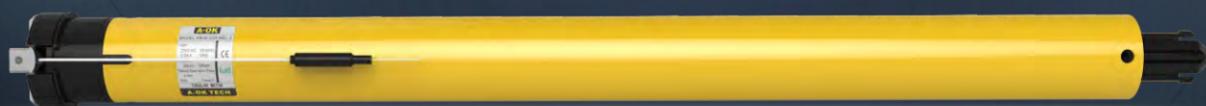


#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Current	Rated Power	IP Class
AM35-6/28-MEL-FZG	6N.m	28rpm	35mm	230V	0.485A	115W	IP44

# AM45 Tubular Motor





Standard limit head

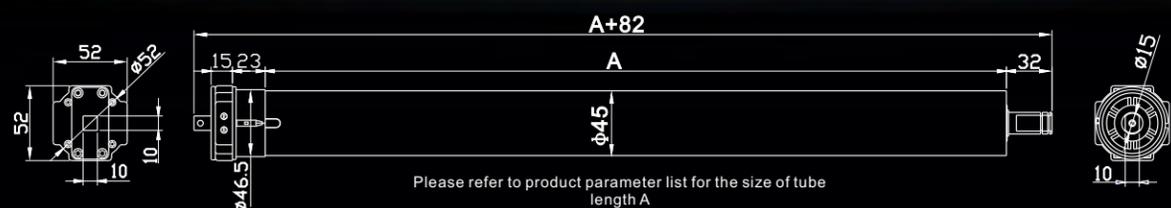
Fast installing type limit head

A type drive shaft

## AM45

### Intelligent Zigbee Multiple Electronic Limits Tubular Motor

Brand new solution by Zigbee technology, to meet the high automation requirement for luxury villas and hotels by the 100M stable signal range.



#### Features

- ❖ To operate your blinds by HOMEMATE app through voice
- ❖ Accurate SMT assembly, damp-proof treatment on surface
- ❖ High anti-interference, receiving sensibility -110dBm
- ❖ Built-in control board is covered by sealed box, which will reduce electromagnetic interference
- ❖ Quiet design, lower to 45dB
- ❖ Simple operations
- ❖ Stop by block function protects system and the user from danger
- ❖ Pair of hall sensor collects pulse data of rotators to ensure the accurate limits
- ❖ Multiple limits meet various applications

#### Parameters

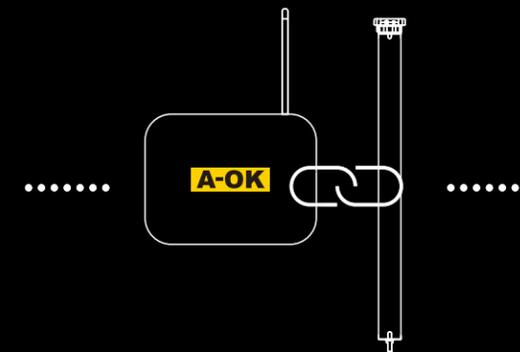
Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-6/28-MEL-PZ	6N.m	28rpm	45mm	630mm	230V	115W	0.485A	IP44
AM45-8/19-MEL-PZ	8N.m	19rpm	45mm	630mm	230V	115W	0.485A	IP44
120V AC 60Hz								
AM45-6/28-MEL-PZ	6N.m	28rpm	45mm	630mm	120V	130W	1.1A	IP44
AM45-8/19-MEL-PZ	8N.m	19rpm	45mm	630mm	120V	130W	1.1A	IP44

### Simple configuration, only 3 steps

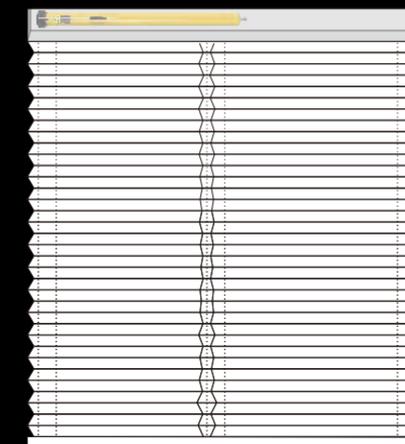
Powerful signal coverage, 10 times to Mainstream configuration  
Match with special Zigbee emitter



Download and install "HOMEMATE" app



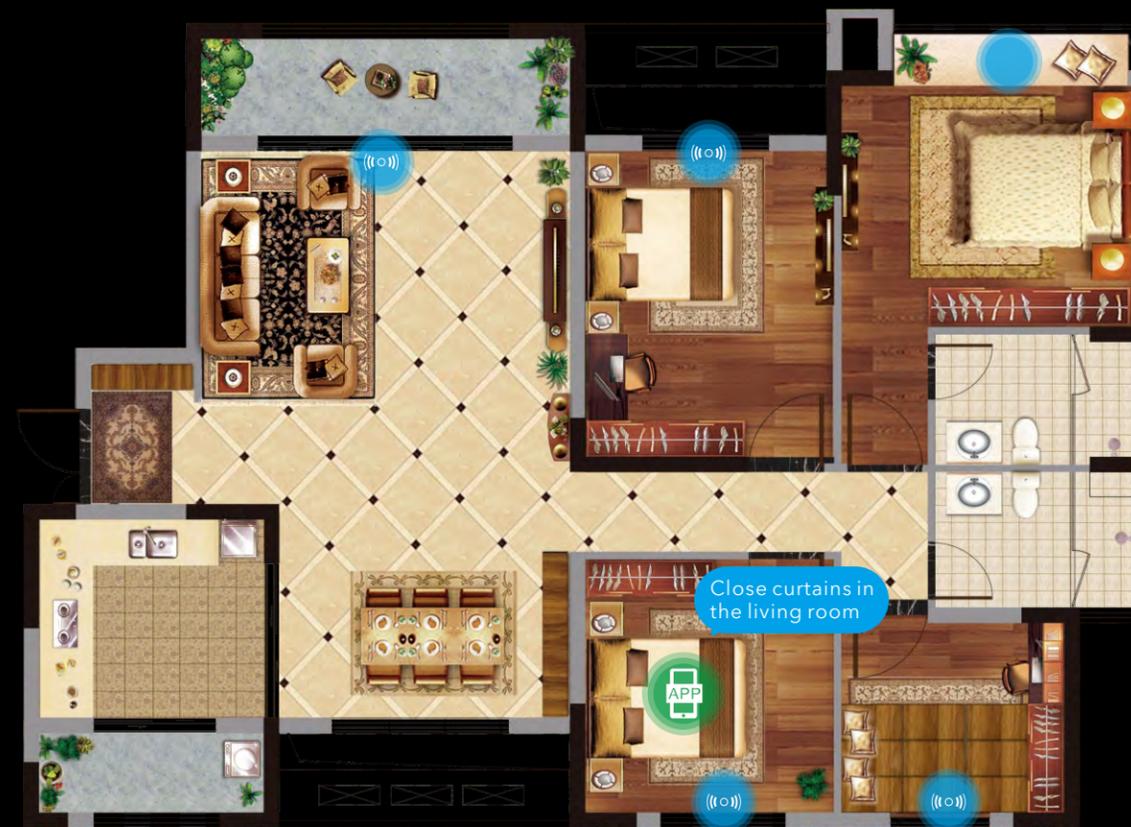
Pairing with Smart gateway



Connect the tubular motor

### Powerful signal coverage, Break through the mainstream configuration

Brand new Zigbee solution, coverage range up to 100m





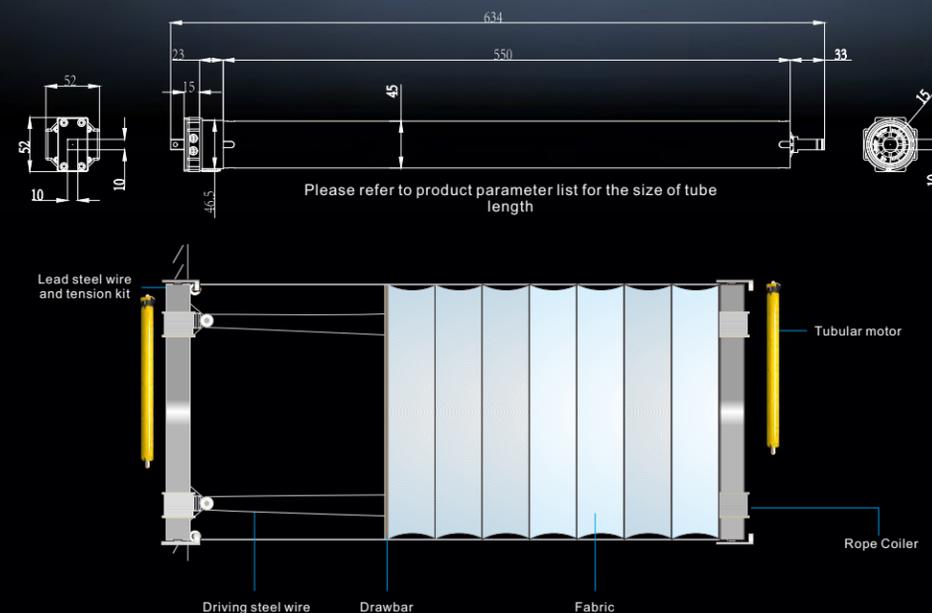
### Motorized FTS applications and features

This system is mainly applied to roof sun shading of luxury and huge buildings like laboratory, greenhouse, stadium, shopping mall etc., it is used for getting comfort lighting. Motorized FTS is made up by the motor and controller to get the fabric tension automatically, it is available to connect with external switch, remote control and middle control.

## AM45 Series | TUBULAR MOTOR



### AM45 Built-In Radio Tubular Motor



#### Features

- ❖ Quiet design, lower to 45dB;
- ❖ Repeat positioning accuracy is as low as 2 degrees;
- ❖ Max. limit is 55 circles;
- ❖ Double sided brake with high brake force.

#### Parameters

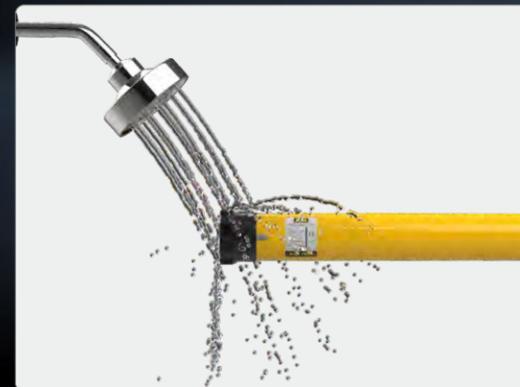
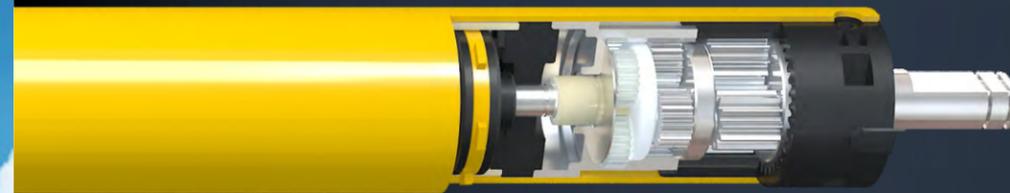
Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-25/30-FTS	25N.m	30rpm	45mm	560mm	230V	280W	1.27A	IP44
AM45-40/12-FTS	50N.m	12rpm	45mm	540mm	230V	250W	1.13A	IP44

# AM45 Series | TUBULAR MOTOR

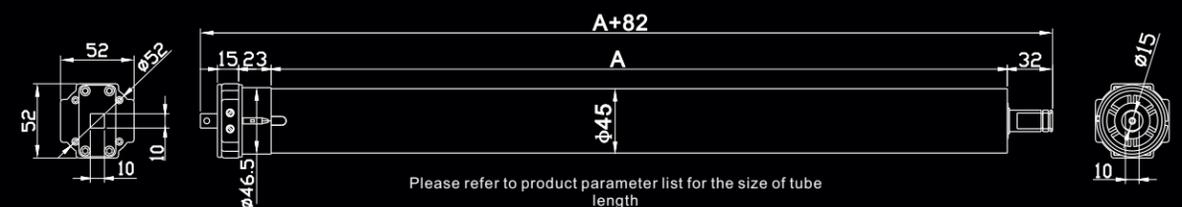
Am45 waterproof tubular motor, mainly applied to outdoor awning, FTS, roller blinds, etc., to prevent the rain in some places, with protection upgrade, better choice for outdoor.



# AM45 Series | TUBULAR MOTOR



## AM45 Waterproof Tubular Motor



Industry leader  
full of innovation



Super long journey, a good  
choice for higher window



Low noise quiet design



Protection upgrade  
better choice for outdoor



Overheat protection  
Long service life

### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45B-25/30-X	25N.m	30rpm	45mm	494mm	230V	250W	1.089A	IP65
AM45B-40/12-X	50N.m	12rpm	45mm	482mm	230V	200W	0.89A	IP65

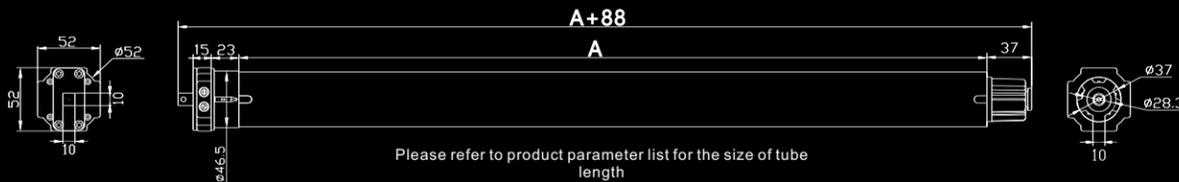


Standard limit head

Fast installing type limit head

Quiet type drive shaft

**AM45**  
Super Silent Tubular Motor

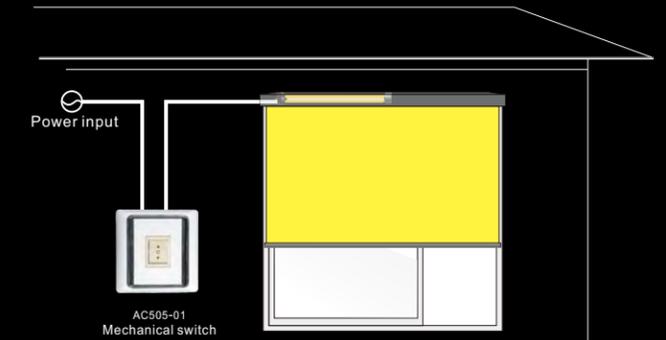


**Features**

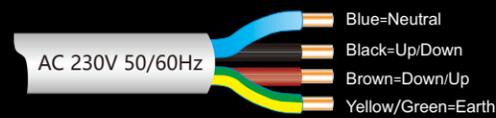
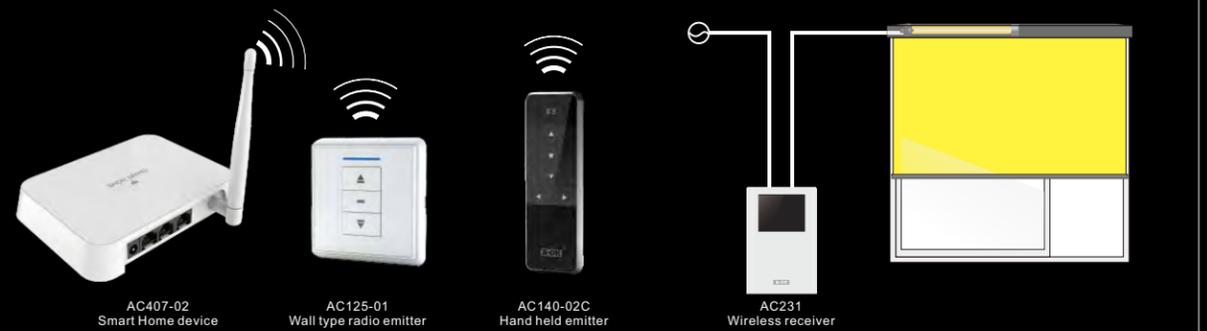
- ❖ Unique quiet technology with patent, running noise is as low as 35dB;
- ❖ Special torque output stopping and rebounding by block, safe and reliable;
- ❖ Repeat positioning accuracy is as low as 2 degrees;
- ❖ Max. limit circle is 55 circles.

**Application**

**Application A:**



**Application B:**



**Parameters**

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-3/28-Q	3N.m	28rpm	45mm	620mm	230V	85W	0.38A	IP44
AM45-6/28-Q	6N.m	28rpm	45mm	620mm	230V	115W	0.485A	IP44
AM45-8/19-Q	8N.m	19rpm	45mm	620mm	230V	115W	0.485A	IP44
120V AC 60Hz								
AM45-3/28-Q	3N.m	28rpm	45mm	620mm	120V	120W	1.0A	IP44
AM45-6/28-Q	6N.m	28rpm	45mm	620mm	120V	130W	1.1A	IP44
AM45-8/19-Q	8N.m	19rpm	45mm	620mm	120V	130W	1.1A	IP44



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**AM45 Series** | TUBULAR MOTOR



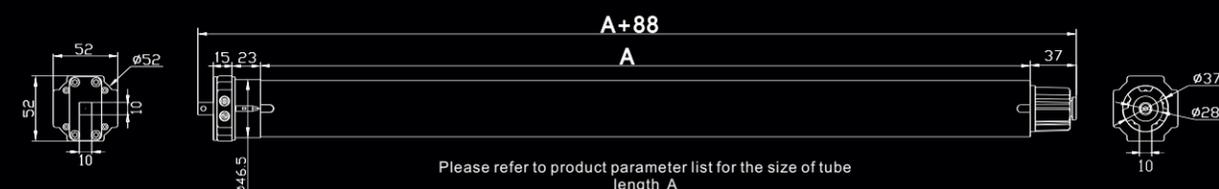
Standard limit head

Fast installing type limit head

A type drive shaft

**AM45**

Built-In Radio Super Silent Tubular Motor



**Parameters**

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-3/28-QE	3N.m	28rpm	45mm	720mm	230V	85W	0.38A	IP44
AM45-6/28-QE	6N.m	28rpm	45mm	720mm	230V	115W	0.485A	IP44
AM45-8/19-QE	8N.m	19rpm	45mm	720mm	230V	115W	0.485A	IP44
120V AC 60Hz								
AM45-3/28-QE	3N.m	28rpm	45mm	720mm	120V	120W	1.0A	IP44
AM45-6/28-QE	6N.m	28rpm	45mm	720mm	120V	130W	1.1A	IP44
AM45-8/19-QE	8N.m	19rpm	45mm	720mm	120V	130W	1.1A	IP44

AM45 built-in radio super silent tubular motor is mainly applied to high-end projection screen, roller blinds etc, bring you quiet, comfort experience.



Am45 multiple electronic limit super quiet tubular motor mainly applied to high-end projection screen, roller blinds etc, especially for high position application.

## AM45 Series | TUBULAR MOTOR



Standard limit head



Fast installing type limit head

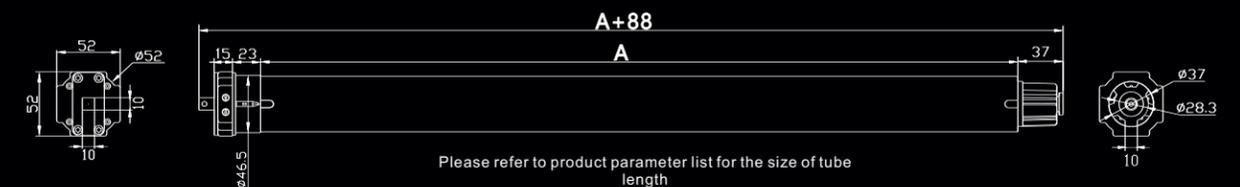


Quiet type drive shaft

### AM45

Multiple Electronic Limit Super Silent Tubular Motor

AM45 multiple electronic limit super quiet tubular motor mainly applied to high-end projection screen, roller blinds etc, especially for high position application.



Please refer to product parameter list for the size of tube length

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-6/28-QMEL	6N.m	28rpm	45mm	630mm	230V	115W	0.485A	IP44
AM45-8/19-QMEL	8N.m	19rpm	45mm	630mm	230V	115W	0.485A	IP44
AC120V 60Hz								
AM45-6/28-QMEL	6N.m	28rpm	45mm	630mm	120V	130W	1.1A	IP44
AM45-8/19-QMEL	8N.m	19rpm	45mm	630mm	120V	130W	1.1A	IP44



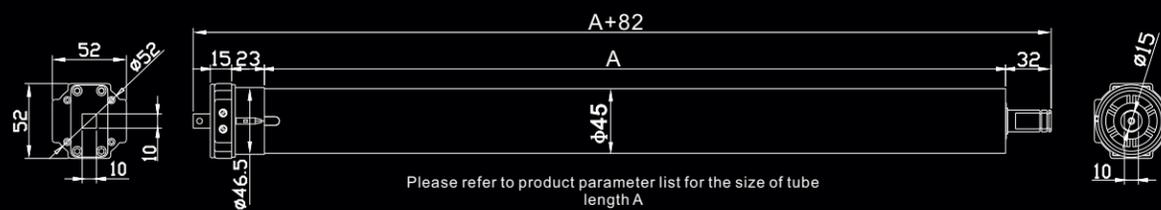
Standard limit head

Fast installing type limit head

A type drive shaft

## AM45

Super Silent DC Standard Tubular Motor

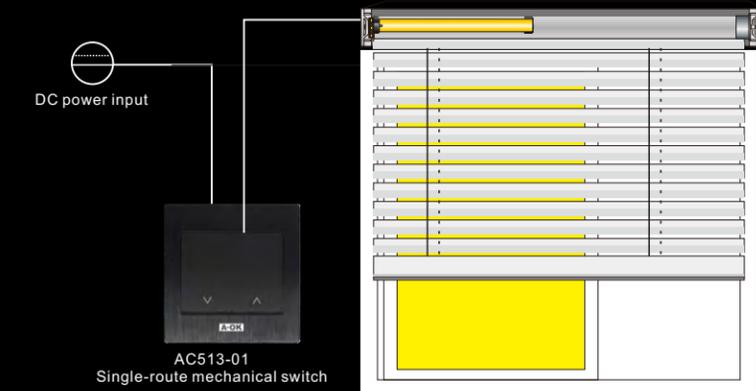


### Features

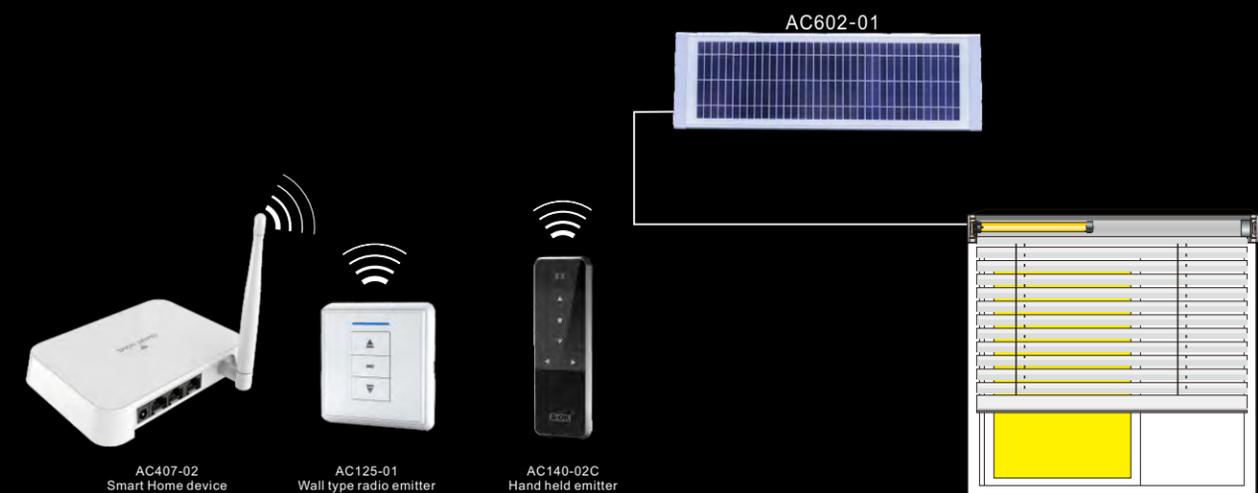
- ❖ Max. limit circle is 55 circles;
- ❖ Long time continuous operation without overheating protection stop;
- ❖ Double breaking design with patent;
- ❖ Available to work with solar panel, environmentally-friendly.

### Application

#### Application A



#### Application B



### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/12-D	10N.m	12rpm	45mm	482mm	DC24V	108W	4.5A	IP44
AM45-20/12-D	20N.m	12rpm	45mm	482mm	DC24V	144W	6.0A	IP44



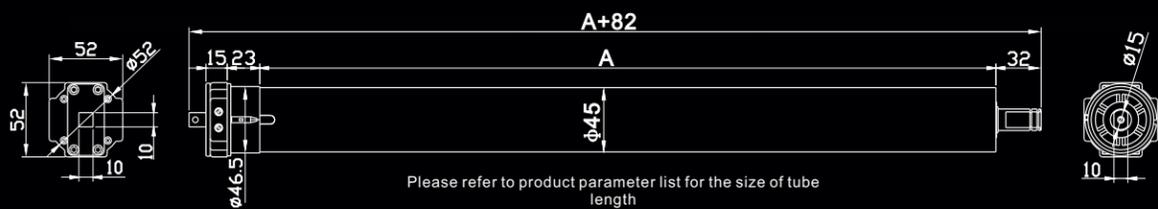


Standard limit head

Fast installing type limit head

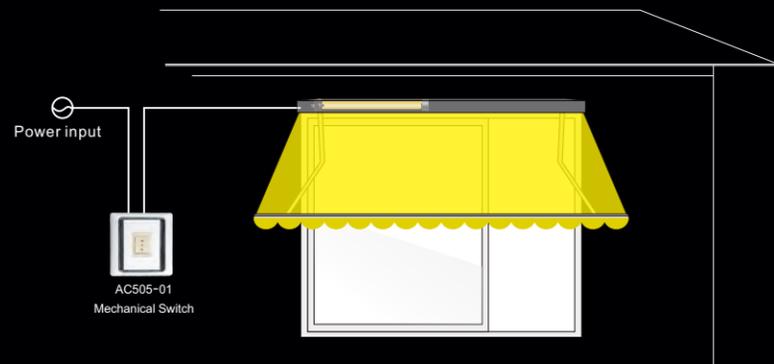
A type drive shaft

**AM45**  
Standard Tubular Motor



**Application**

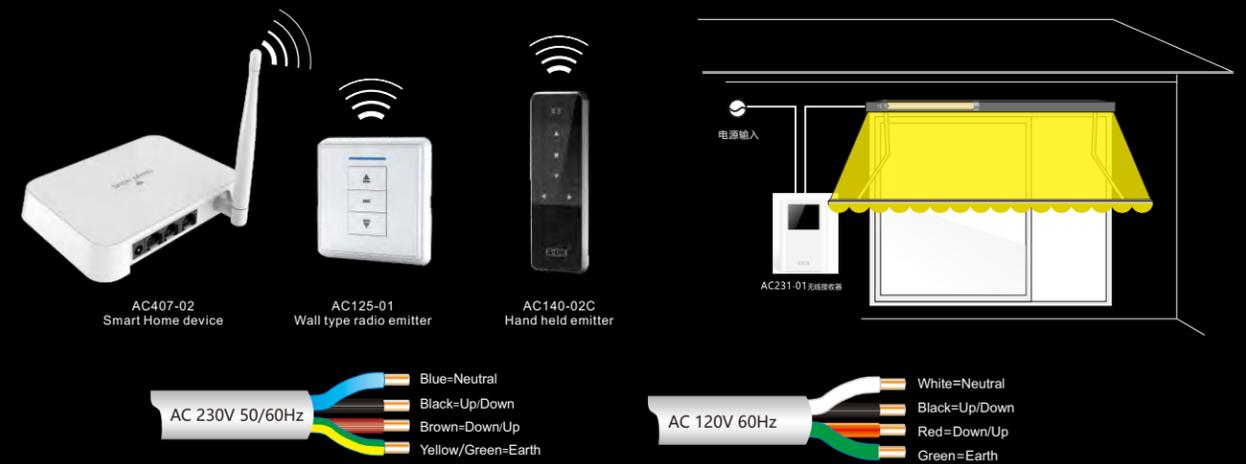
Application A



**Features**

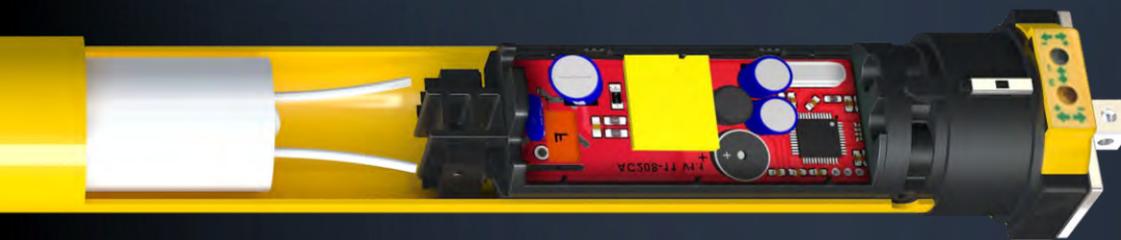
- ❖ Quite design, lower to 45dB;
- ❖ Repeat positioning accuracy is as low as 2 degrees;
- ❖ Max. limit circle is 55 circles;
- ❖ Double breaking design with patent.

Application B



**Parameters**

Model NO.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-10/17	10N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-15/17	15N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-20/12	20N.m	12rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-10/30	10N.m	30rpm	45mm	482mm	230V	170W	0.735A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	230V	250W	1.089A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	230V	170W	0.735A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-30/12	30N.m	12rpm	45mm	482mm	230V	190W	0.83A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	230V	250W	1.089A	IP44
AM45-65/12	65N.m	12rpm	45mm	540mm	230V	330W	1.52A	IP44
120V AC 60Hz								
AM45-10/17	10N.m	17rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-15/17	15N.m	17rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-20/12	20N.m	12rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-10/30	10N.m	30rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	120V	300W	2.50A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-30/12	30N.m	12rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	120V	300W	2.50A	IP44



Standard limit head

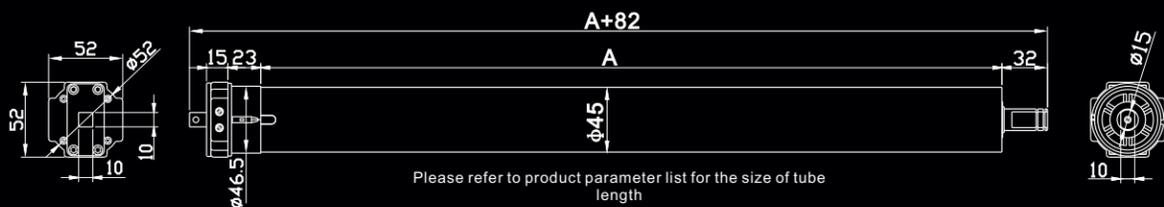
Fast installing type limit head

A type drive shaft

# AM45

## Built-In Radio Tubular Motor

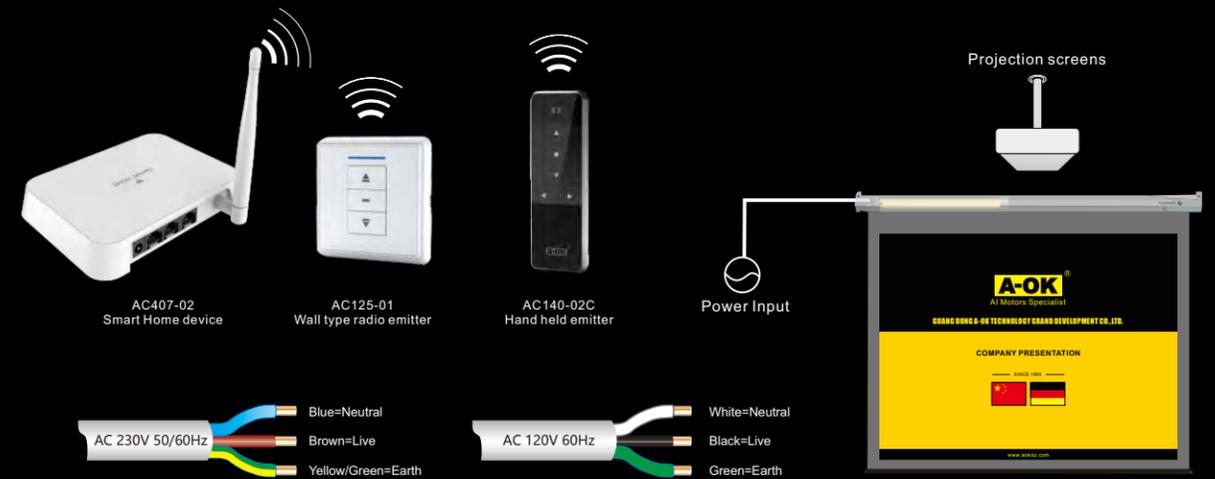
AM45 built-in radio tubular motor is applied for the place with succinct environment that do not show the receiver outside. It is used for small and medium size of rolling doors, roller shutters, awnings, large size of projection screens, venetian blinds, roller blinds etc.



### Features

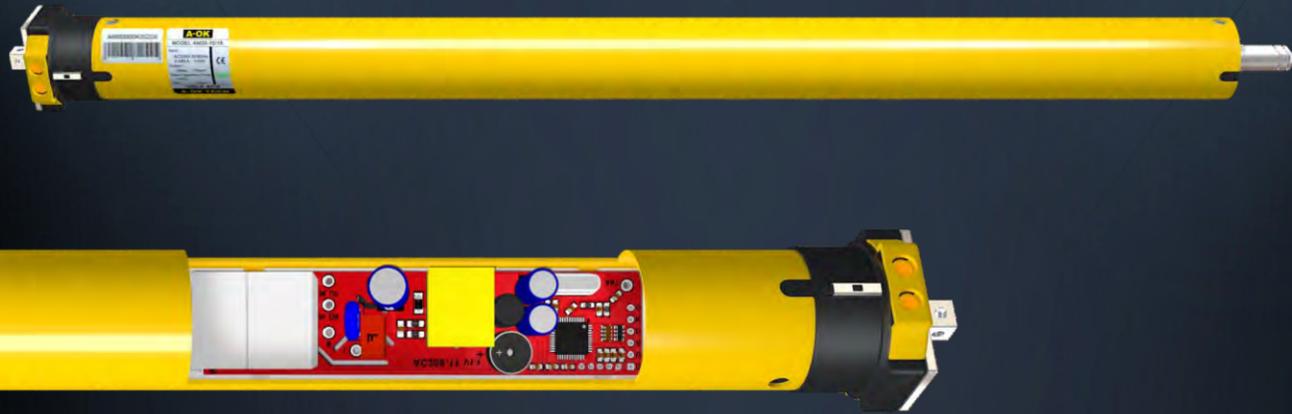
- ❖ Quite design, lower to 45dB;
- ❖ Repeat positioning accuracy is as low as 2 degrees;
- ❖ Max. limit circle is 55 circles;
- ❖ Double breaking design with patent;
- ❖ Built-in receiver, simpler installation and stable performance;
- ❖ High impact resistant relay, industrial-grade CPU, ensure stable and long-term life;
- ❖ SMT assembly, damp-proof on surface;
- ❖ High anti-interference, receive sensibility -100dBm.

### Application



### Parameters

Model NO.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-10/17-E	10N.m	17rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-15/17-E	15N.m	17rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-20/12-E	20N.m	12rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-10/30-E	10N.m	30rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-15/30-E	15N.m	30rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-20/30-E	20N.m	30rpm	45mm	620mm	230V	250W	1.089A	IP44
AM45-20/17-E	20N.m	17rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-30/17-E	30N.m	17rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-30/12-E	30N.m	12rpm	45mm	585mm	230V	190W	0.83A	IP44
AM45-40/12-E	40N.m	12rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-50/12-E	50N.m	12rpm	45mm	620mm	230V	250W	1.089A	IP44
AM45-65/9-E	65N.m	9rpm	45mm	640mm	230V	330W	1.52A	IP44
120V AC 60Hz								
AM45-10/17-E	10N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-15/17-E	15N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-20/12-E	20N.m	12rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-10/30-E	10N.m	30rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-15/30-E	15N.m	30rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-20/30-E	20N.m	30rpm	45mm	620mm	120V	300W	2.50A	IP44
AM45-20/17-E	20N.m	17rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-30/17-E	30N.m	17rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-30/12-E	30N.m	12rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-40/12-E	40N.m	12rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-50/12-E	50N.m	12rpm	45mm	620mm	120V	300W	2.50A	IP44



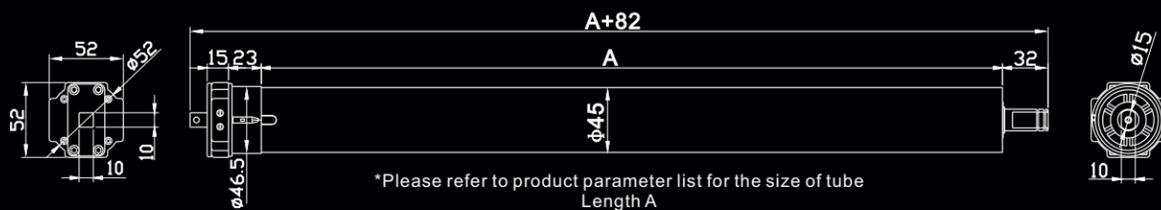
Fast installing type limit head

Standard limit head

A type drive shaft

## AM45 Multiple Electronic Limit Tubular Motor

This motor is mainly applied for small and medium size of roller blinds, projection screens, venetian blinds etc., especially for high applications.

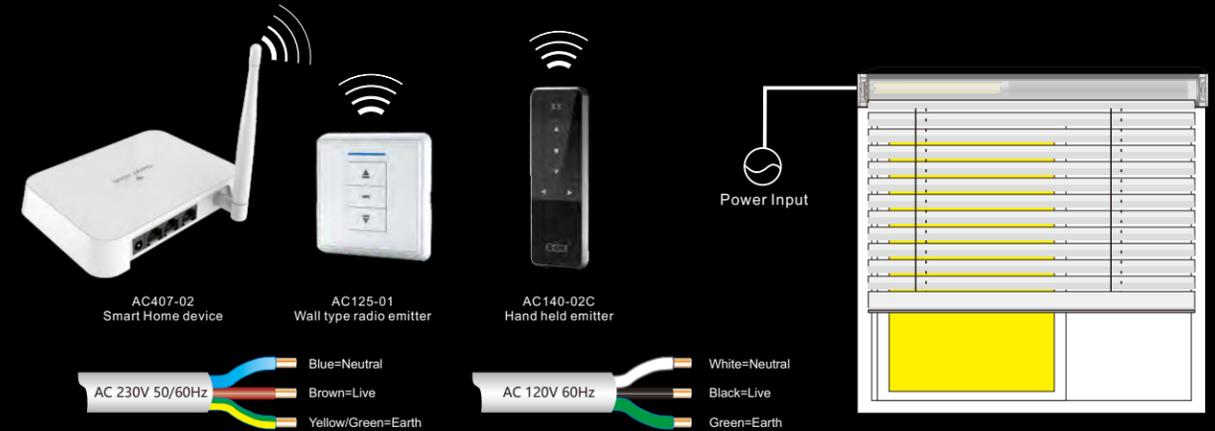


### Features

- ❖ Double breaking design with patent
- ❖ Accurate SMT assembly, damp-proof treatment on surface
- ❖ High anti-interference, receiving sensibility -110dBm
- ❖ Built-in control board is covered by sealed box, which will reduce electromagnetic interference
- ❖ Simpler operations, easier for limit setting
- ❖ Stopping by block function protects objects and users from danger
- ❖ Pair of hall sensor collects pulse data of rotators to ensure the accurate limits
- ❖ Multiple limits meet various applications
- ❖ Running noise is 45dB

### Application

External AC power supply, without additional wireless receiver, can be directly controlled by wireless remote control, wall type wireless transmitter and intelligent control, etc., and there are various options.

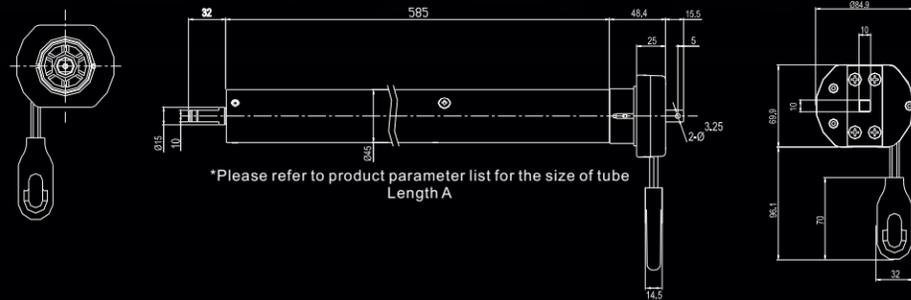


### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-10/17-MEL	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/17-MEL	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/12-MEL	20N.m	12rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-10/30-MEL	10N.m	30rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-15/30-MEL	15N.m	30rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-20/30-MEL	20N.m	30rpm	45mm	494mm	230V	250W	1.089A	IP44
AM45-20/17-MEL	20N.m	17rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-30/17-MEL	30N.m	17rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-30/12-MEL	30N.m	12rpm	45mm	464mm	230V	190W	0.83A	IP44
AM45-40/12-MEL	40N.m	12rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-50/12-MEL	50N.m	12rpm	45mm	494mm	230V	250W	1.089A	IP44
AM45-65/12-MEL	65N.m	12rpm	45mm	514mm	230V	330W	1.52A	IP44
120V AC 60Hz								
AM45-10/17-MEL	10N.m	17rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-15/17-MEL	15N.m	17rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-20/12-MEL	20N.m	12rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-10/30-MEL	10N.m	30rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-15/30-MEL	15N.m	30rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-20/30-MEL	20N.m	30rpm	45mm	494mm	120V	300W	2.50A	IP44
AM45-20/17-MEL	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17-MEL	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-30/12-MEL	30N.m	12rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-40/12-MEL	40N.m	12rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-50/12-MEL	50N.m	12rpm	45mm	494mm	120V	300W	2.50A	IP44



**AM45**  
Standard Manual Operated Motor



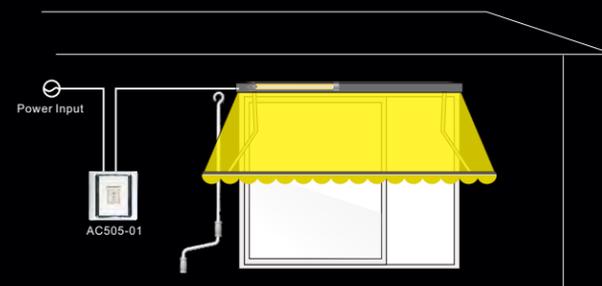
**Features:**

- ❖ Running noise is 45dB
- ❖ Repeat positioning accuracy is as low as 2 degrees
- ❖ Max. limit circle is 20 circles
- ❖ Worm gear speed reducer makes it easier to move by hand
- ❖ Double breaking design with patent

**Application**

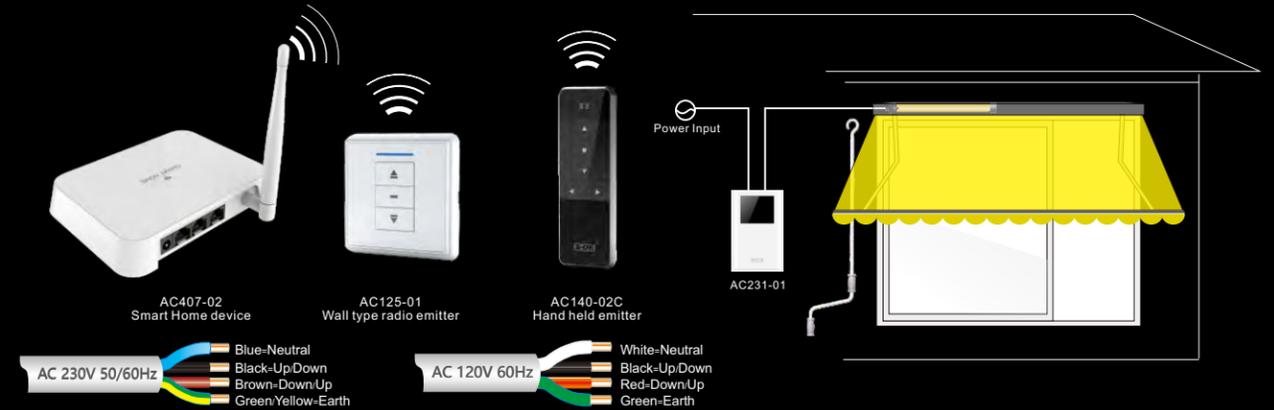
Application A

AC power supply and can be externally controlled by a manual switch to realize the functions of Up, Stop and Down. The operation is stable and reliable; When the power is off, the awning can be controlled by hand to expand and contract, making the application more flexible.



Application B

AC power supply and can be externally connected with wireless radio receiver, to realize radio control, support intelligent control. When the power is off, the awning can be controlled by hand to expand and contract, making the application more flexible.



**Parameters**

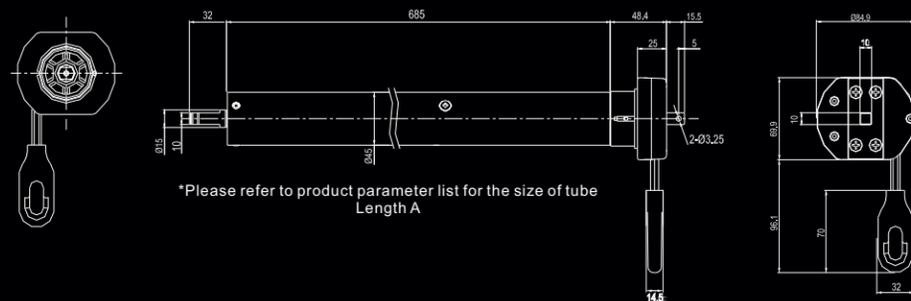
Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM45-10/17-M	10N.m	17rpm	45mm	230V	135W	0.508A	IP44
AM45-15/17-M	15N.m	17rpm	45mm	230V	135W	0.588A	IP44
AM45-20/12-M	20N.m	12rpm	45mm	230V	135W	0.588A	IP44
AM45-10/30-M	10N.m	30rpm	45mm	230V	170W	0.735A	IP44
AM45-15/30-M	15N.m	30rpm	45mm	230V	200W	0.89A	IP44
AM45-20/30-M	20N.m	30rpm	45mm	230V	250W	1.089A	IP44
AM45-20/17-M	20N.m	17rpm	45mm	230V	170W	0.735A	IP44
AM45-30/17-M	30N.m	17rpm	45mm	230V	200W	0.89A	IP44
AM45-30/12-M	30N.m	12rpm	45mm	230V	190W	0.83A	IP44
AM45-40/12-M	40N.m	12rpm	45mm	230V	200W	0.89A	IP44
AM45-50/12-M	50N.m	12rpm	45mm	230V	250W	1.089A	IP44
AM45-65/12-M	65N.m	12rpm	45mm	230V	330W	1.52A	IP44
120V AC 60Hz							
AM45-10/17-M	10N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-15/17-M	15N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-20/12-M	20N.m	12rpm	45mm	120V	135W	1.15A	IP44
AM45-10/30-M	10N.m	30rpm	45mm	120V	170W	1.4A	IP44
AM45-15/30-M	15N.m	30rpm	45mm	120V	200W	1.7A	IP44
AM45-20/30-M	20N.m	30rpm	45mm	120V	300W	2.50A	IP44
AM45-20/17-M	20N.m	17rpm	45mm	120V	170W	1.4A	IP44
AM45-30/17-M	30N.m	17rpm	45mm	120V	200W	1.7A	IP44
AM45-30/12-M	30N.m	12rpm	45mm	120V	170W	1.4A	IP44
AM45-40/12-M	40N.m	12rpm	45mm	120V	200W	1.7A	IP44
AM45-50/12-M	50N.m	12rpm	45mm	120V	300W	2.50A	IP44



## AM45

### Built In Radio Manual Operated Motor

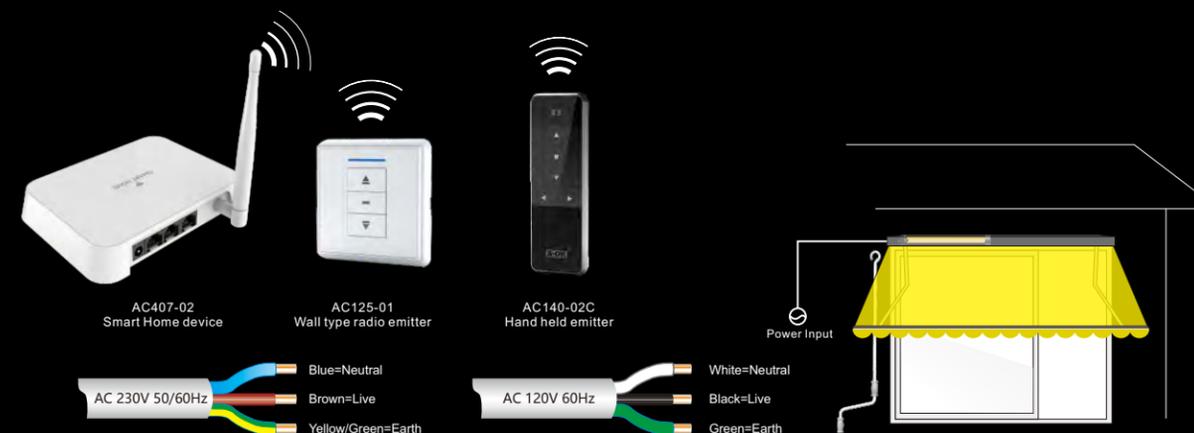
This motor is mainly used for small and medium size of roller shutters, rolling doors and awnings etc. It can be manually operated when there is no power supply.



#### Features:

- ❖ Running noise is 45dB
- ❖ Repeat positioning accuracy is as low as 2 degrees
- ❖ Built-in receiver, simpler installation and stable performance
- ❖ High impact resistant relay, industrial-grade CPU, working temperature -40~+85°C
- ❖ Worm gear speed reducer makes it easier to move by hand
- ❖ Double breaking design with patent
- ❖ High anti-interference, receiving sensibility -110dBm
- ❖ Accurate SMT assembly, damp-proof treatment on surface
- ❖ Max. limit circle is 20 circles

#### Application



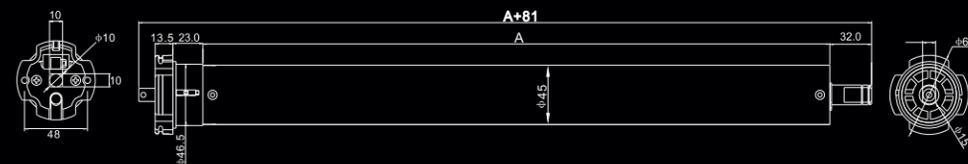
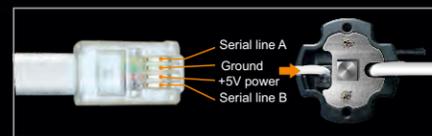
#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM45-10/17-ME	10N.m	17rpm	45mm	230V	115W	0.508A	IP44
AM45-10/30-ME	10N.m	30rpm	45mm	230V	170W	0.735A	IP44
AM45-15/17-ME	15N.m	17rpm	45mm	230V	135W	0.588A	IP44
AM45-15/30-ME	15N.m	30rpm	45mm	230V	200W	0.89A	IP44
AM45-20/12-ME	20N.m	12rpm	45mm	230V	135W	0.588A	IP44
AM45-20/30-ME	20N.m	30rpm	45mm	230V	250W	1.089A	IP44
AM45-20/17-ME	20N.m	17rpm	45mm	230V	170W	0.735A	IP44
AM45-30/17-ME	30N.m	17rpm	45mm	230V	200W	0.89A	IP44
AM45-30/12-ME	30N.m	12rpm	45mm	230V	190W	0.83A	IP44
AM45-40/12-ME	40N.m	12rpm	45mm	230V	200W	0.89A	IP44
AM45-50/12-ME	50N.m	12rpm	45mm	230V	250W	1.089A	IP44
AM45-65/12-ME	65N.m	12rpm	45mm	230V	330W	1.52A	IP44
120V AC 60Hz							
AM45-10/17-ME	10N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-10/30-ME	10N.m	30rpm	45mm	120V	170W	1.4A	IP44
AM45-15/17-ME	15N.m	17rpm	45mm	120V	135W	1.15A	IP44
AM45-15/30-ME	15N.m	30rpm	45mm	120V	200W	1.7A	IP44
AM45-20/12-ME	20N.m	12rpm	45mm	120V	135W	1.15A	IP44
AM45-20/30-ME	20N.m	30rpm	45mm	120V	300W	2.50A	IP44
AM45-20/17-ME	20N.m	17rpm	45mm	120V	170W	1.4A	IP44
AM45-30/17-ME	30N.m	17rpm	45mm	120V	200W	1.7A	IP44
AM45-30/12-ME	30N.m	12rpm	45mm	120V	170W	1.4A	IP44
AM45-40/12-ME	40N.m	12rpm	45mm	120V	200W	1.7A	IP44
AM45-50/12-ME	50N.m	12rpm	45mm	120V	300W	2.50A	IP44



**AM45**  
Network Tubular Motor

This motor is mainly applied for small and medium size of roller blind, projection screen, roller shutter, awning etc. It is the ideal model for computer or building central control through RS485/232 interface.



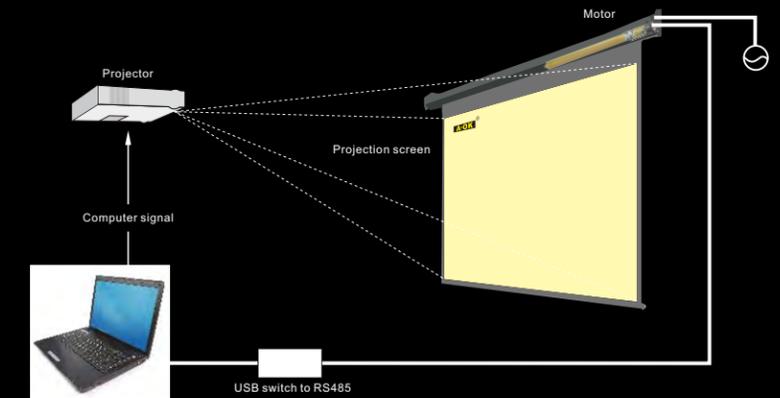
\*Please refer to product parameter list for the size of tube Length A

**Features:**

- ❖ Multiple limits meet various applications
- ❖ High impact resistant relay, industrial-grade CPU, ensure stable and long-term life
- ❖ Pair of hall sensor collects pulse data of rotators to ensure the accurate limits
- ❖ Running noise is 45dB
- ❖ Double breaking design with patent
- ❖ Set limit positions by remote, suitable for inconvenient applications, such as higher installation places

**Application**

Motorized Projection Screen Application: External AC power supply, without additional wireless receiver, can be directly controlled by wireless remote control, especially for high applications. It is the ideal model for computer or building central control through RS485/232 interface.



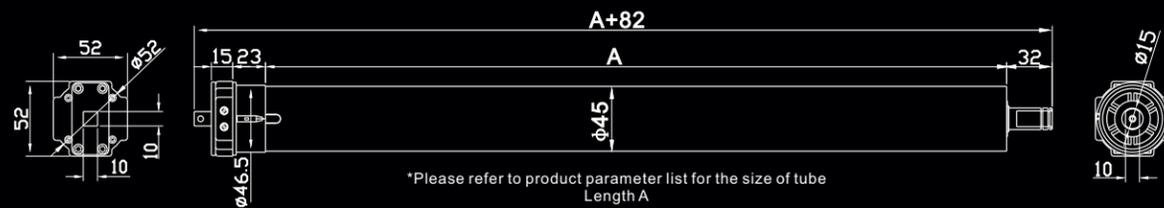
**Parameters**

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
<b>AC230V 50/60Hz</b>								
AM45-10/17-NEL	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/17-NEL	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/12-NEL	20N.m	12rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-10/30-NEL	10N.m	30rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-15/30-NEL	15N.m	30rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-20/30-NEL	20N.m	30rpm	45mm	494mm	230V	250W	1.089A	IP44
AM45-20/17-NEL	20N.m	17rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-30/17-NEL	30N.m	17rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-30/12-NEL	30N.m	12rpm	45mm	464mm	230V	190W	0.83A	IP44
AM45-40/12-NEL	40N.m	12rpm	45mm	482mm	230V	200W	0.89A	IP44
<b>AC120V 60Hz</b>								
AM45-10/17-NEL	10N.m	17rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-15/17-NEL	15N.m	17rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-20/12-NEL	20N.m	12rpm	45mm	444mm	120V	135W	1.15A	IP44
AM45-10/30-NEL	10N.m	30rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-15/30-NEL	15N.m	30rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-20/30-NEL	20N.m	30rpm	45mm	494mm	120V	300W	2.50A	IP44
AM45-20/17-NEL	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17-NEL	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44
AM45-30/12-NEL	30N.m	12rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-40/12-NEL	40N.m	12rpm	45mm	482mm	120V	200W	1.7A	IP44



## AM45 Parallel Connected Tubular Motor

Am45 Parallel Tubular motor can be group connected for building applications, with reliable performance and save the project cost.



### Features

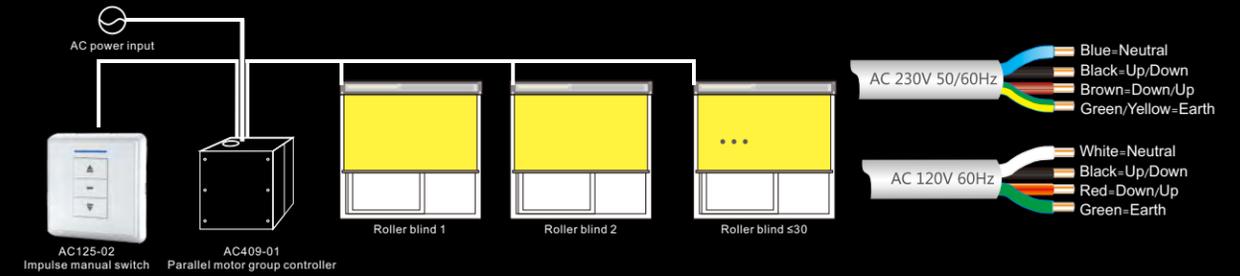
- \*Max. limit circle is 55 circles
- \*Repeat positioning accuracy is as low as 2 degrees
- \*Double breaking design with patent
- \*Running noise is 45dB

### Application

Single control



### Group control



### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
<b>AC230V 50/60Hz</b>								
AM45-10/17-G	10N.m	17rpm	45mm	540mm	230V	135W	0.508A	IP44
AM45-15/17-G	15N.m	17rpm	45mm	540mm	230V	135W	0.588A	IP44
AM45-20/12-G	20N.m	12rpm	45mm	540mm	230V	135W	0.588A	IP44
AM45-10/30-G	10N.m	30rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-15/30-G	15N.m	30rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-20/30-G	20N.m	30rpm	45mm	620mm	230V	250W	1.089A	IP44
AM45-20/17-G	20N.m	17rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-30/17-G	30N.m	17rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-30/12-G	30N.m	12rpm	45mm	585mm	230V	190W	0.83A	IP44
AM45-40/12-G	40N.m	12rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-50/12-G	50N.m	12rpm	45mm	620mm	230V	250W	1.089A	IP44
AM45-65/12-G	65N.m	12rpm	45mm	640mm	230V	330W	1.52A	IP44
<b>AC120V 60Hz</b>								
AM45-10/17-G	10N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-15/17-G	15N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-20/12-G	20N.m	12rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-10/30-G	10N.m	30rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-15/30-G	15N.m	30rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-20/30-G	20N.m	30rpm	45mm	620mm	120V	300W	2.50A	IP44
AM45-20/17-G	20N.m	17rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-30/17-G	30N.m	17rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-30/12-G	30N.m	12rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-40/12-G	40N.m	12rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-50/12-G	50N.m	12rpm	45mm	620mm	120V	300W	2.50A	IP44



Standard limit head



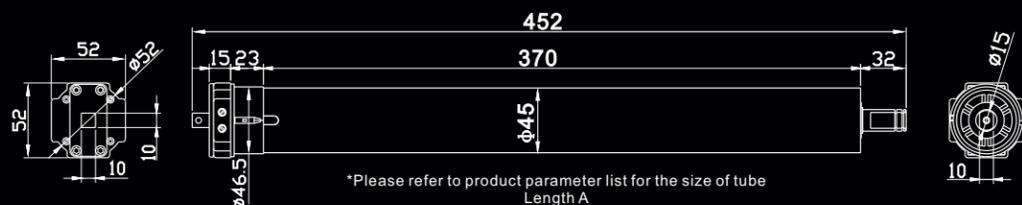
Fast installing type limit head



A type drive shaft

## AM45 Short Tubular Motor

AM45 short tubular motor is mainly applied for the special narrow roller shutters.

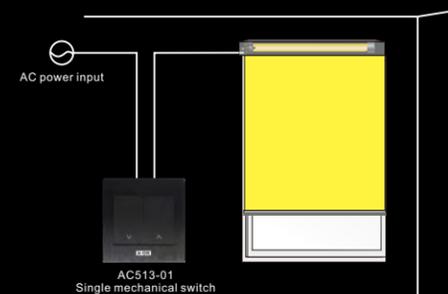


### Features:

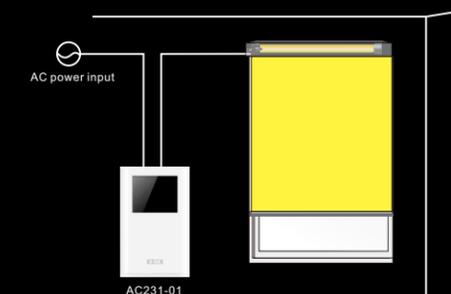
- ❖ Running noise is 45dB
- ❖ Repeat positioning accuracy is as low as 2 degrees
- ❖ Suitable to the narrow width roller shutter

## Application

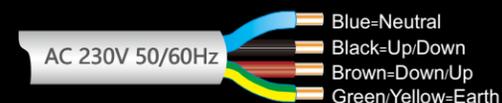
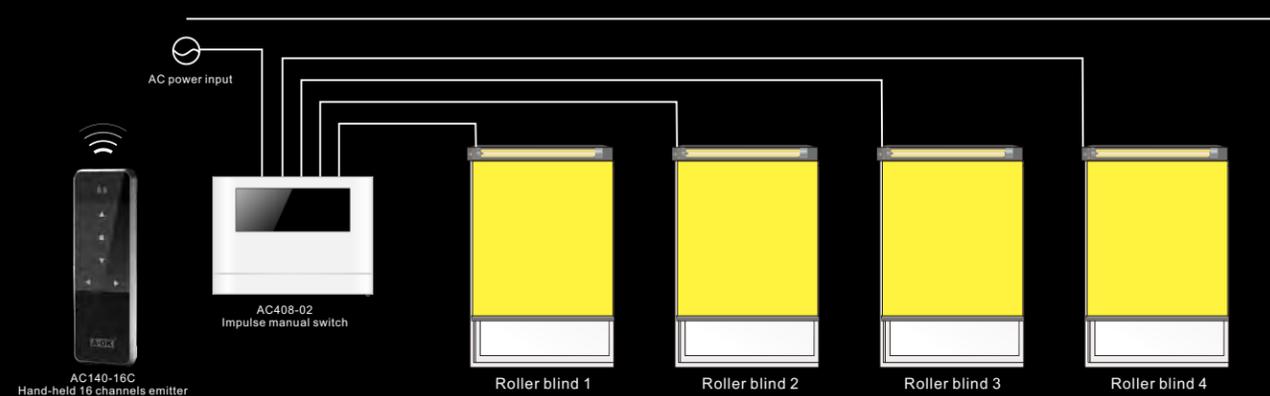
**Application 1** Manual single control | AC power supply, with external mechanical switch, to realize UP, STOP, DOWN, simple operation and stable performance.



**Application 2** Radio control | AC power supply, with external radio receiver, to realize radio control, convenient operation and more flexible application.



**Application 3** Group control: AC power supply, with external group controller, realizing manual group control and radio group control

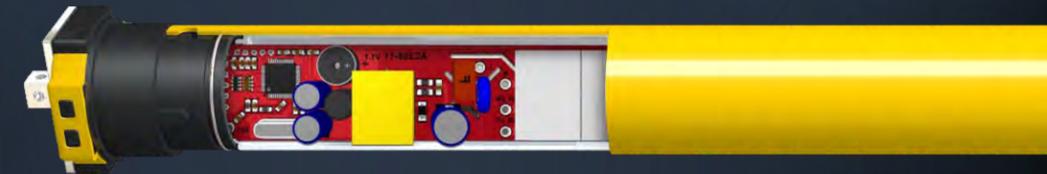


## Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
<b>AC230V 50/60Hz</b>								
AM45-10/17-S	10N.m	17rpm	45mm	370mm	230V	115W	0.508A	IP44
AM45-15/17-S	15N.m	17rpm	45mm	370mm	230V	135W	0.588A	IP44
<b>AC120V 60Hz</b>								
AM45-10/17-S	10N.m	17rpm	45mm	370mm	120V	130W	1.10A	IP44
AM45-15/17-S	15N.m	17rpm	45mm	370mm	120V	150W	1.50A	IP44



## AM45 Series | TUBULAR MOTOR



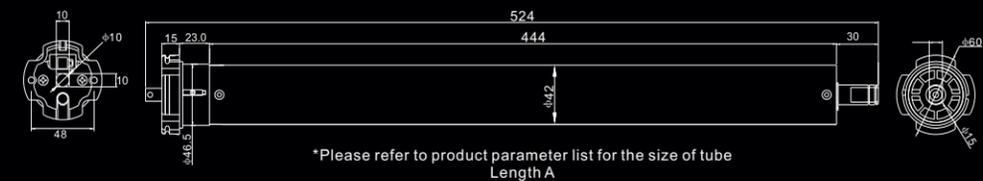
Fast installation head



A type drive shaft

### AM45 Outdoor Windproof Screen Motor

AM45 Outdoor Windproof Screen Motor is applied for exterior zip screen, exterior roller blind. With obstacle detection function, stop and rebound when meet with resistance, protecting the side rails system without damage from wind when up and down.



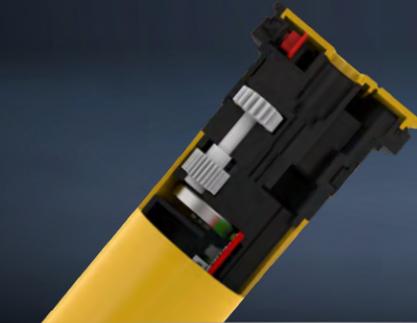
#### Features:

- ❖ MAX 2 Limit position, memory for limit settings;
- ❖ High accuracy motor rotary measurement;
- ❖ Sensor open circuit/ short circuit protection, Obstacle detection;
- ❖ Quiet helical gearbox;
- ❖ The default obstacle detection sensitivity is level 6;
- ❖ Intelligent obstacle and overload detection, especially for the operation of Exterior Zip Style Blind;
- ❖ When motor detect un-smooth movement (resistance) while moving Up/ Down, will rebound and keep moving towards same direction, motor stops until detect resistance 3 times in the same place to make sure it's an obstacle.

#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-15/17-ZS-QP	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44





Fast installation head

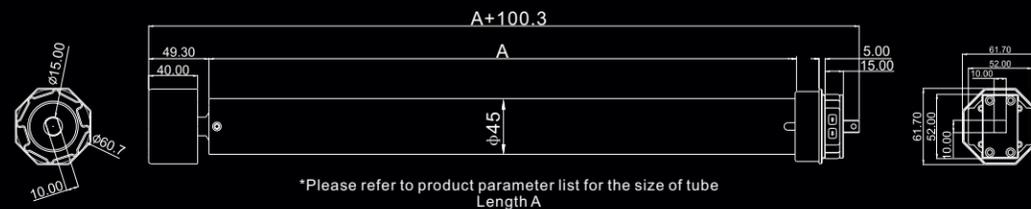


A type drive shaft

## AM45

### Built In Radio Rebound Electronic Motor

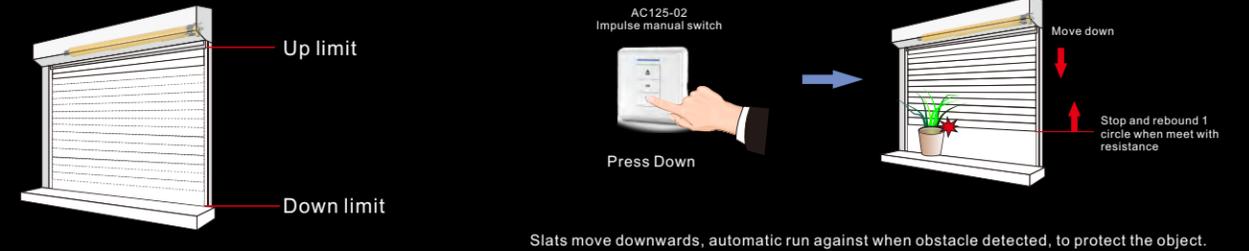
AM45 Obstacle Tubular Motor is mainly applied for the window shutter, electronic limit set, stop and rebound when meet with resistance, simple and safe operation. It's widely used in roller shutters of office building, meeting room and residence.



#### Features:

- ❖ UPPER and LOWER limits and one INTERMEDIATE limit position can be set, Limit position will be saved in motor when power off;
- ❖ External dry-contact signal control available;
- ❖ RS485 function available, intercommunication for motor status;
- ❖ Dot move and continuous move for options;
- ❖ Motor running direction switch available;
- ❖ Automatic detection of motor rotation times, high positioning accuracy;
- ❖ Position sensor with disconnection protection & short circuit protection function, stop by block to avoid any damage;
- ❖ Built-in superheterodyne receiving module, the receiving sensitivity reaches -110dBm.

#### Demonstration of Obstacle detection



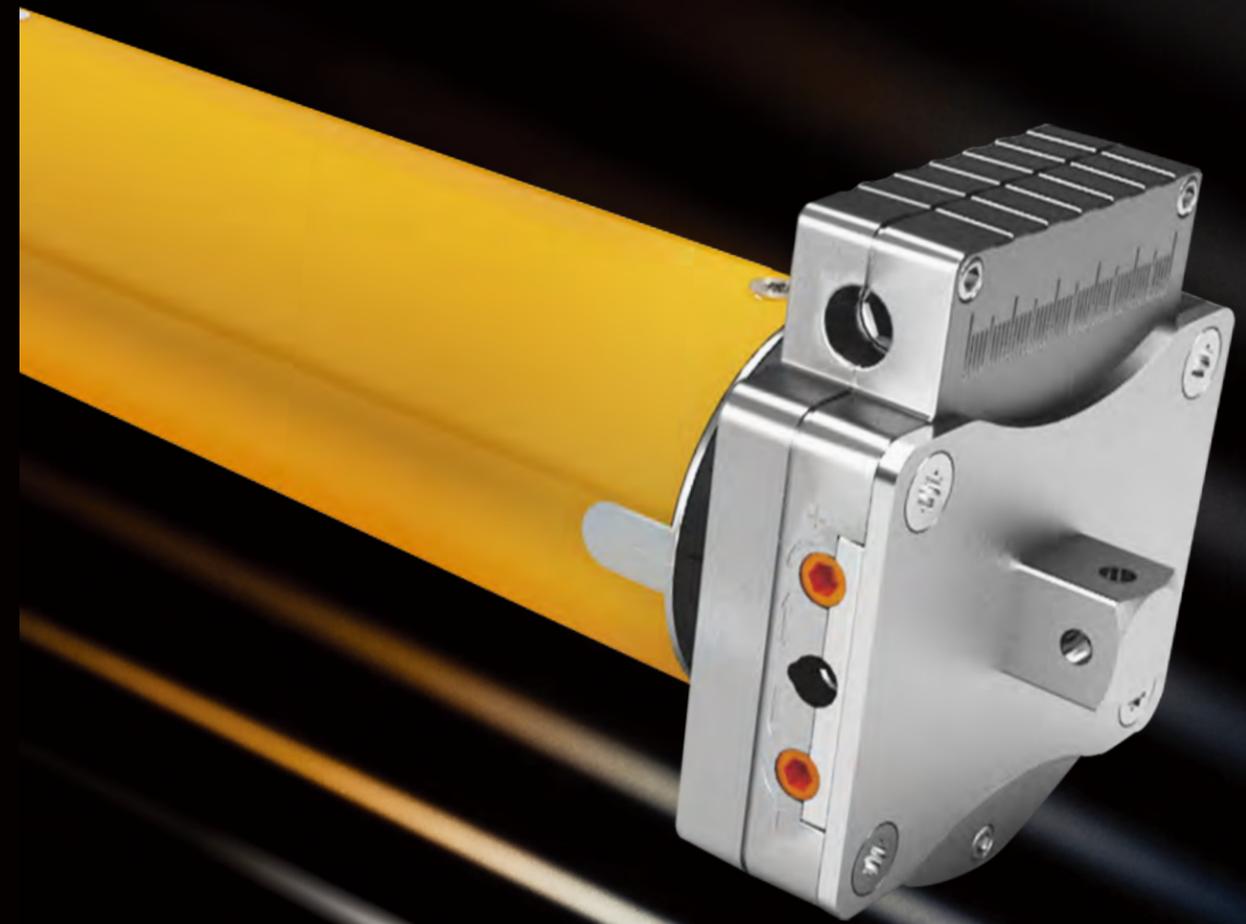
Slats move downwards, automatic run against when obstacle detected, to protect the object.



#### Parameters

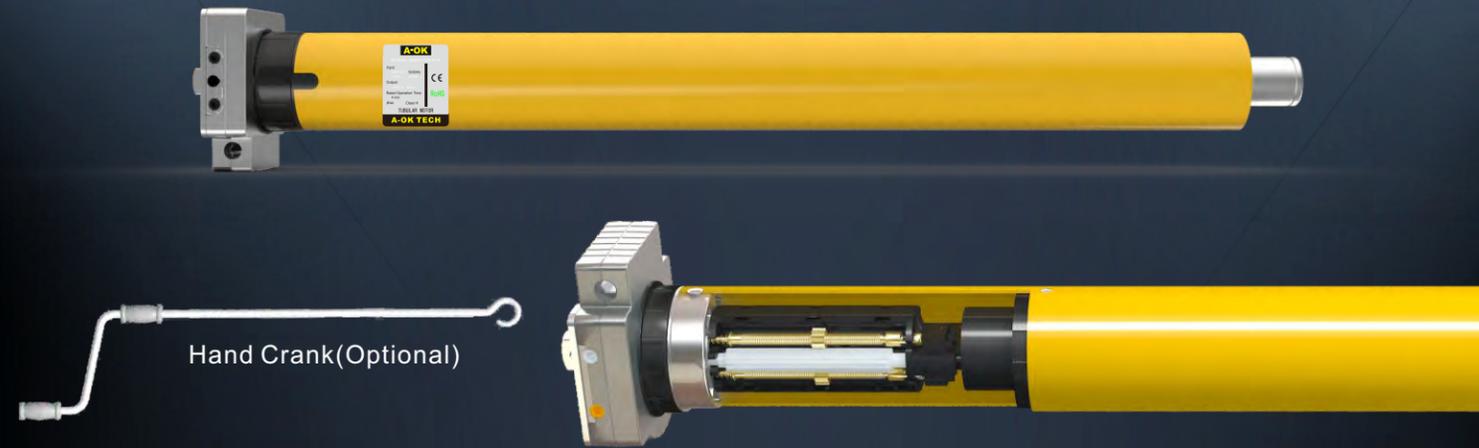
Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz								
AM45-10/17-ER-P	10N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-10/30-ER-P	10N.m	30rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-15/17-ER-P	15N.m	17rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-15/30-ER-P	15N.m	30rpm	45mm	482mm	230V	200W	0.89A	IP44
AM45-20/12-ER-P	20N.m	12rpm	45mm	444mm	230V	135W	0.6A	IP44
AM45-20/17-ER-P	20N.m	17rpm	45mm	464mm	230V	170W	0.735A	IP44
AM45-20/30-ER-P	20N.m	30rpm	45mm	494mm	230V	250W	1.089A	IP44
AM45-30/12-ER-P	30N.m	12rpm	45mm	464mm	230V	190W	0.83A	IP44
AM45-30/17-ER-P	30N.m	17rpm	45mm	482mm	230V	200W	0.89A	IP44
120V AC 60Hz								
AM45-10/17-ER-P	10N.m	17rpm	45mm	444mm	120V	135W	1.10A	IP44
AM45-10/30-ER-P	10N.m	30rpm	45mm	464mm	120V	170W	2.00A	IP44
AM45-15/17-ER-P	15N.m	17rpm	45mm	444mm	120V	135W	1.50A	IP44
AM45-15/30-ER-P	15N.m	30rpm	45mm	482mm	120V	200W	2.00A	IP44
AM45-20/12-ER-P	20N.m	12rpm	45mm	444mm	120V	135W	1.50A	IP44
AM45-20/17-ER-P	20N.m	17rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-20/30-ER-P	20N.m	30rpm	45mm	494mm	120V	300W	2.50A	IP44
AM45-30/12-ER-P	30N.m	12rpm	45mm	464mm	120V	170W	1.4A	IP44
AM45-30/17-ER-P	30N.m	17rpm	45mm	482mm	120V	200W	1.7A	IP44

**AM60**  
Manual Override Tubular Motor





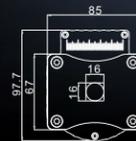
## AM60 Series Tubular Motor



### AM60

#### Standard Manual Operated Tubular Motor

AM60 Standard Manual Operated Tubular Motor is mainly applied for medium and small size of roller shutters, rolling doors, awnings and big size screens. It can be manually operated when electricity is off.

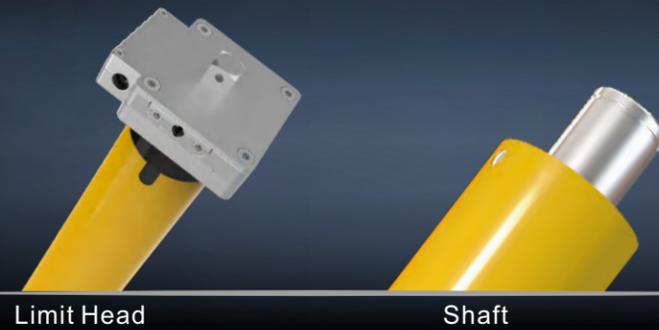
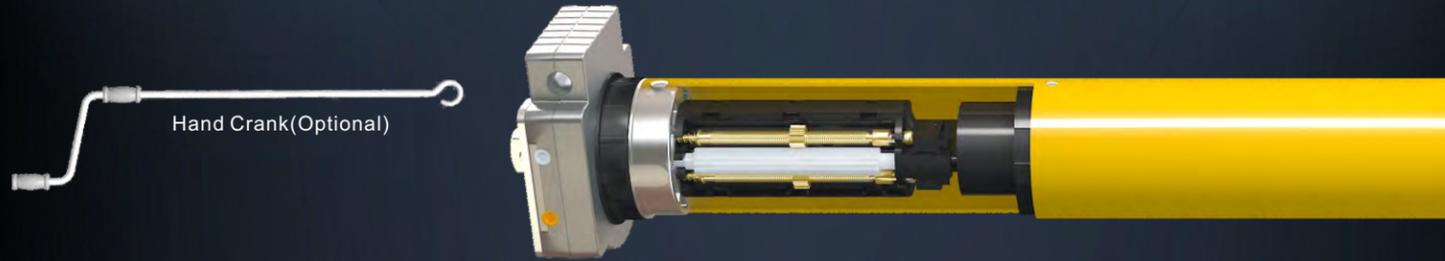
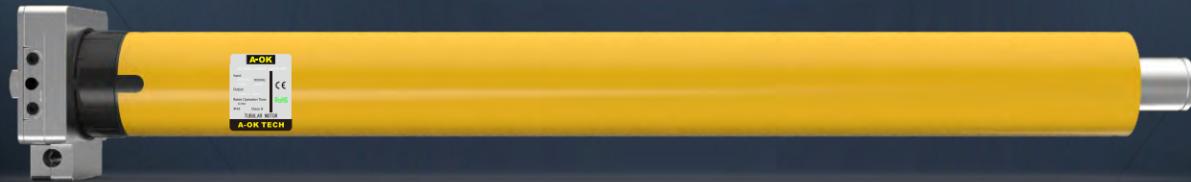


#### Features

- ❖ Quiet running, lower to 45db;
- ❖ Repeat positioning accuracy is as low as 2 degrees;
- ❖ Worm gear speed reducer makes it easier to move by hand;
- ❖ Double breaking design with patent.

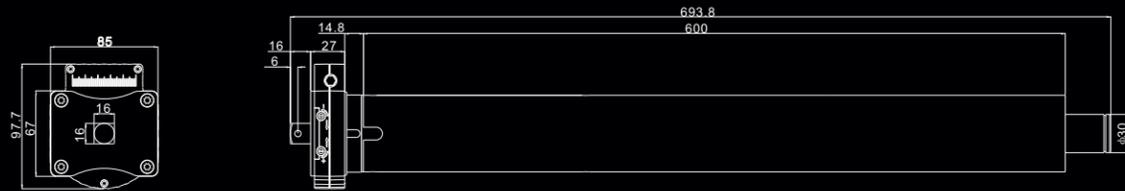
#### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM60-60/12-M	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-M	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-M	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-M	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
AM60-140/9-M	140N.m	9rpm	60mm	230V	420W	1.85A	IP44
120V AC 60Hz							
AM60-60/12-M	60N.m	12rpm	60mm	120V	384W	3.2A	IP44
AM60-80/12-M	80N.m	12rpm	60mm	120V	408W	3.4A	IP44
AM60-100/12-M	100N.m	12rpm	60mm	120V	444W	3.7A	IP44
AM60-120/9-M	120N.m	9rpm	60mm	120V	420W	3.5A	IP44
AM60-140/9-M	140N.m	9rpm	60mm	120V	444W	3.7A	IP44



## AM60 Built In Radio Manual Operated Motor

AM60 Built In Radio Manual Operated Tubular Motor is mainly applied for medium and small size of roller shutters, rolling doors, awnings and big size screens. It can be manually operated when electricity is off.



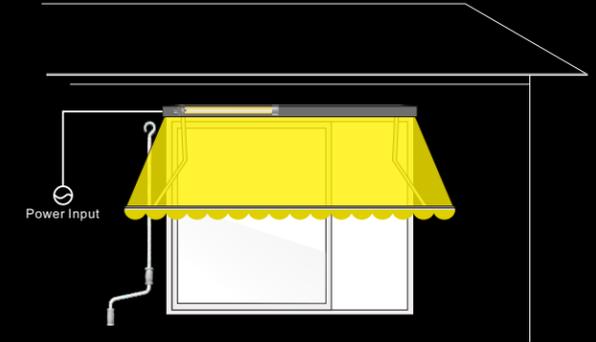
### Features

- ✦ Quiet running, lower to 45db;
- ✦ Built-in superheterodyne receiving module, long control distance, High anti-interference, receive sensibility -110dBm;
- ✦ Repeat positioning accuracy is as low as 2 degrees;
- ✦ Worm gear speed reducer makes it easier to move by hand;
- ✦ Built-in receiver, simpler installation and stable performance;
- ✦ Accurate SMT assembly, damp-proof treatment on surface;
- ✦ High impact resistant relay, industrial-grade CPU, working temperature -40~+85°C;
- ✦ Double breaking design with patent.

### Application

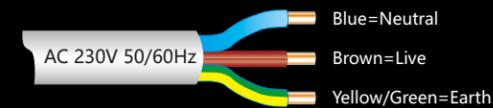
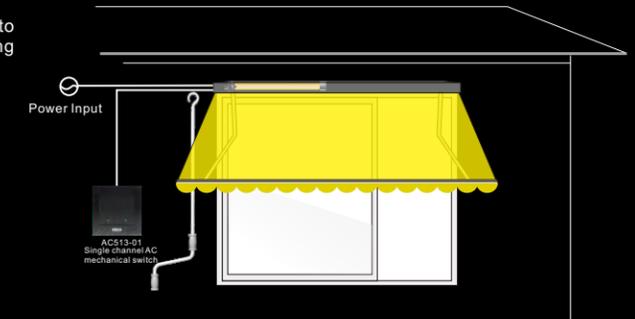
#### Application 1

AC power supply. It can be remotely controlled by an emitter directly, supporting smart home control. More flexible application with manually operate awning extension when electricity is off.



#### Application 2

AC power supply. It can be connected with an external manual switch to manually operate. More flexible application with manually operate awning extension when electricity is off.



### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM60-60/12-ME	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-ME	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-ME	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-ME	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
AM60-140/9-ME	140N.m	9rpm	60mm	230V	420W	1.85A	IP44
120V AC 60Hz							
AM60-60/12-ME	60N.m	12rpm	60mm	120V	384W	3.2A	IP44
AM60-80/12-ME	80N.m	12rpm	60mm	120V	408W	3.4A	IP44
AM60-100/12-ME	100N.m	12rpm	60mm	120V	444W	3.7A	IP44
AM60-120/9-ME	120N.m	9rpm	60mm	120V	420W	3.5A	IP44
AM60-140/9-ME	140N.m	9rpm	60mm	120V	444W	3.7A	IP44



Limit Head



Shaft

## AM60

Electronic limit receiver built-in tubular motor

AM60 Electronic Limit Receiver Built-in Tubular Motor is mainly applied for the medium and small size of roller shutters, rolling doors, and big size screens.



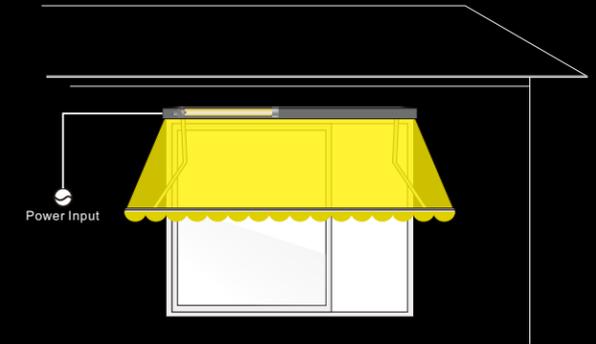
### Features

- ✦ Quiet running, lower to 45db;
- ✦ Built-in superheterodyne receiving module, long control distance, High anti-interference, receive sensibility -110dBm;
- ✦ Built-in receiver, simpler installation and stable performance;
- ✦ Accurate SMT assembly, damp-proof treatment on surface;
- ✦ High impact resistant relay, industrial-grade CPU, working temperature -40~+85°C;
- ✦ Double breaking design with patent.

### Application

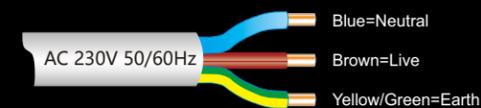
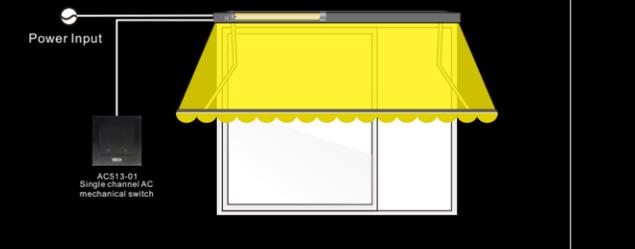
#### Application 1

AC power supply. It can be remotely controlled by an emitter directly, supporting smart home control, more flexible application.



#### Application 2

AC power supply. It can be connected with an external manual switch to manually operate. More flexible application.



### Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Rated Voltage	Rated Power	Rated Current	IP Class
230V AC 50/60Hz							
AM60-60/12-MEL	60N.m	12rpm	60mm	230V	368W	1.6A	IP44
AM60-80/12-MEL	80N.m	12rpm	60mm	230V	400W	1.7A	IP44
AM60-100/12-MEL	100N.m	12rpm	60mm	230V	420W	1.85A	IP44
AM60-120/9-MEL	120N.m	9rpm	60mm	230V	396W	1.75A	IP44
120V AC 60Hz							
AM60-60/12-MEL	60N.m	12rpm	60mm	120V	384W	3.2A	IP44
AM60-80/12-MEL	80N.m	12rpm	60mm	120V	408W	3.4A	IP44
AM60-100/12-MEL	100N.m	12rpm	60mm	120V	444W	3.7A	IP44
AM60-120/9-MEL	120N.m	9rpm	60mm	120V	420W	3.5A	IP44

**Accessories**  
Crown / Adaptor / Idler / Bracket

Φ28 Tube		
<p>Crown (For AM25 Motor) 1.0303.0031(Light Blue) 1.0303.0029(Black)</p>	<p>Adaptor (For AM25 Motor) 1.0403.0062 (Light Blue) 1.0403.0066 (Black)</p>	<p>Idler (For AM25 Motor) 1.0403.0033(Light Blue) 1.0403.0067(Black)</p>
Φ30 Tube		
<p>1.0403.0063 Crown(For AM25 Motor)</p>	<p>1.0403.0064 Adaptor(For AM25 Motor)</p>	<p>1.0403.0065 Idler (For AM25 Motor)</p>
<p>1.0403.0009 Crown(For AM25 Motor)</p>	<p>1.0403.0018 Adaptor(For AM25 Motor)</p>	<p>1.0403.0028 Idle (For AM25 Motor)</p>
Φ38 Tube		
<p>1.0403.0006 Crown(For AM25 Motor)</p>	<p>1.0403.0015 Crown(For AM25 Motor)</p>	
<p>1.0403.0003 Crown(For AM25 Motor)</p>	<p>1.0403.0011 Adaptor(For AM25 Motor)</p>	<p>1.0403.0020 Idler(For AM25 Motor)</p>
<p>7.1000.0035 Idler(Spline Type, For AM25 Motor)</p>	<p>7.1000.0035 Axle Core(Spline Type, For AM25 Motor)</p>	

Crown/Adaptor/Idler

<p>1.0403.0035 Crown (For AM25 Motor)</p>	<p>1.0403.0034 Adaptor (For AM25 Motor)</p>	<p>7.1000.0059 Rubber Idler</p>
<p>1.0403.0023 Idler (For AM25 Motor)</p>	<p>1.0403.0024 Idler (For AM25 Motor)</p>	<p>1.0403.0025 Idler (For AM25 Motor)</p>
<p>Φ40 Octagonal Tube</p>		
<p>1.0404.0005 Octagonal Crown (For AM35 Motor)</p>	<p>1.0404.0037 Octagonal Adaptor (Flat Head Type)</p>	<p>1.0404.0075 Idler (For AM35 Motor)</p>
	<p>1.0404.0038 Octagonal Adaptor (Spline Type)</p>	<p>7.1000.0023 Octagonal Idler (Square Axle)</p>
<p>Φ40 Tube</p>		
<p>1.0403.0008 Crown (For AM25 Motor)</p>	<p>1.0403.0017 Adaptor (For AM25 Motor)</p>	<p>1.0403.0005 Crown (For AM25 Motor)</p>
<p>1.0403.0014 Adaptor (For AM25 Motor)</p>	<p>1.0403.0022 Idler (φ8mm Hole, For AM25 Motor)</p>	<p>1.0403.0026 Idler (φ10mm Hole, For AM25 Motor)</p>
<p>1.0404.0004 Crown (For AM35 Motor)</p>	<p>1.0404.0039 Adaptor (For AM35 Motor)</p>	<p>1.0404.0065 Idler (Round Shaft)</p>

<p>Φ42 Tube</p>		
<p>1.0404.0141 Crown (For AM35 Motor)</p>	<p>1.0403.0068 Crown (For AM25 Motor)</p>	<p>1.0403.0069 Adaptor (For AM25 Motor)</p>
	<p>1.0404.0162 Crown (For AM35 Motor)</p>	<p>1.0404.0163 Adaptor (For AM35 Motor)</p>
<p>Φ43 Tube</p>		
<p>1.0404.0135 Crown (For AM35 Motor)</p>	<p>1.0404.0136 Adaptor (For AM35 Motor)</p>	
<p>1.0404.0131 Crown (For AM35 Motor)</p>	<p>1.0404.0132 Adaptor (For AM35 Motor)</p>	
<p>Φ46 Tube</p>		
<p>1.0404.0007 Crown (For AM35 Motor)</p>	<p>1.0404.0040 Crown (For AM35 Motor)</p>	<p>1.0403.0053 Idler (For AM35 Motor)</p>
<p>1.0404.0008 Crown (For AM35 Motor)</p>	<p>1.0404.0041 Adaptor (For AM35 Motor)</p>	<p>1.0404.0066 Idler (Round Shaft, For AM35 Motor)</p>

Crown/Adaptor/Idler

<p>1.0404.0012 Crown (For AM35 Motor)</p>	<p>1.0404.0158 Adaptor (For Am35 Motor)</p>	<p>Idler 7.1000.0061 (Square Axle) / 7.1000.0084(Round Shaft)</p>
<p>1.0404.0091 Crown (For AM35 Motor)</p>		
<p>Φ48 Tube</p>		
<p>1.0404.0011 Crown (For AM35 Motor)</p>	<p>1.0404.0159 Crown (For AM35 Motor)</p>	<p>1.0404.0021 Crown (For AM35 Motor)</p>
<p>1.0404.0043 Adaptor (For AM35 Motor)</p>	<p>1.0404.0070 Limit Ring for Locating</p>	<p>1.0404.0053 Adaptor (For AM35 Motor)</p>
<p>Φ50 Groove Tube</p>		
<p>1.0404.0010 Crown (For AM35 Motor)</p>	<p>1.0404.0042 Adaptor (For AM35 Motor)</p>	<p>Idler: 7.1000.0048 (Round Shaft) / 7.1000.0064 (Square Axle)</p>
<p>1.0404.0046 Adaptor (For AM35 Motor)</p>	<p>Idler: 7.1000.0048 (Round Shaft) / 7.1000.0064 (Square Axle)</p>	

<p>1.0404.0009 Crown (For AM35 Motor)</p>	<p>1.0404.0144 Adaptor (For AM35 Motor)</p>	<p>1.0404.0145 Adaptor (For AM35 Motor)</p>
<p>1.0404.0098 Crown (For AM35 Motor)</p>	<p>1.0404.0097 Adaptor (For AM35 Motor)</p>	
<p>1.0404.0104 Crown (For AM35 Motor)</p>	<p>1.0404.0105 Adaptor (For AM35 Motor)</p>	
<p>1.0404.0127 Crown (For AM35 Motor)</p>	<p>1.0404.0128 Adaptor (For AM35 Motor)</p>	
<p>1.0405.0036 Adaptor (For AM45 Silent Motor)</p>	<p>1.0404.0069 Idler (Round Shaft)</p>	<p>7.1000.0057 Idler (Square Axle)</p>
<p>1.0404.0164 Crown (For AM35 Motor)</p>	<p>1.0404.0165 Adaptor (For AM35 Motor)</p>	<p>1.0404.0166 Idler (For AM35 Motor)</p>

Crown/Adaptor/Idler

**Φ53 Tube**

1.0404.0015 Crown (For AM35 Motor)

1.0404.0048 Adaptor (For AM35 Motor)

1.0404.0071 Idler (For AM35 Motor)

**Φ54 Tube**

1.0404.0020 Crown (For AM35 Motor)

1.0404.0051 Adaptor (For AM35 Motor)

1.0404.0052 Adaptor (For AM35 Motor)

**Φ55 Tube**

1.0405.0035 Adaptor (Flat Head Type)

7.1000.0077 Idler (Square Axle)

1.0404.0094 Crown (For AM35 Motor)

1.0404.0093 Adaptor (For AM35 Motor)

7.1000.0071 Idler (Without Bearing)

1.0404.0152 Crown (For AM35 Motor)

1.0404.0153 Adaptor (For AM35 Motor)

1.0404.0154 Adaptor (For AM35 Motor)

1.0405.0136 Crown (For AM45 Motor)

1.0405.0135 Adaptor (For AM45 Motor)

1.0405.0143 Adaptor (For AM45 Motor)

1.0404.0138 Idler (For AM45 Motor)

**Φ58 Tube**

1.0404.0018 Crown (For AM35 Motor)

1.0404.0050 Adaptor (For AM35 Motor)

1.0404.0072 Idler (Round Shaft)

1.0404.0101 Crown (For AM35 Motor)

1.0405.0012 Crown (For AM45 Silent Motor)

1.0405.0023 Crown (For AM35 Motor)

1.0404.0102 Adaptor (For AM35 Motor)

1.0405.0047 Adaptor (For AM45 Motor)

1.0405.0061 Adaptor (For AM35 Motor)

**Φ59 Tube**

1.0405.0119 Adaptor (For AM45 Motor)

**Φ60 Tube**

1.0405.0002 Crown (For AM45 Motor)

1.0405.0031 Adaptor (For AM45 Motor)

1.0405.0068 Idler (Round Shaft)

**Φ63 Tube**

1.0405.0087 Crown (For AM45 Motor)

1.0405.0088 Adaptor (For AM45 Motor)

1.0405.0032 Adaptor (For AM45 Motor)

**Φ63 Tube**

1.0405.0003 Crown (For AM45 Motor)

1.0405.0033 Adaptor (For AM45 Motor)

7.1000.0075 Idler (Round Shaft)

7.1000.0076 Idler (Square Axle)





Bracket

Joint bracket set(for AM35/AM45 motor)

90° 135° 180°

1.0400.0027 50 Round Idler (For Middle Support Bracket Set) 7.1000.0131 Middle Support Bracket Set ( For AM35/45 Motor)

1.0400.0035 55 Groove Idler(For Middle Support Bracket Set) 1.0400.0036 63 Groove Idler(For Middle Support Bracket Set)

1.0404.0081 Silent Bracket (For AM35 Venetian Motor) 1.0404.0082 Silent Bracket (For AM35 Venetian Motor)

7.1000.0156 Bracket (Square Axle for AM35/45 Motor) 7.1000.0157 Bracket (Square Shaft for AM35/45 Motor)

2.0400.0126 Bracket(For AM35/45 Motor) 7.1000.0069 Idler set for round tube (For AM35/45 Motor)

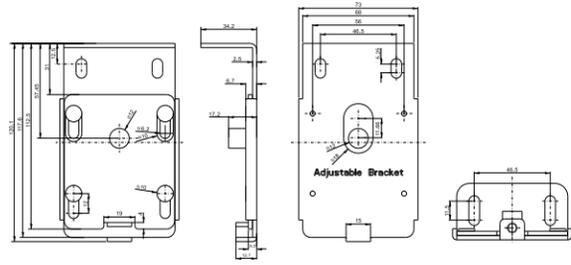
2.0405.0001 Bracket(For AM45 Motor) 2.0405.0011 Bracket (For AM45 Motor)

1.0400.0039 Damping Rubber(For AM35/45 Motor) 2.0400.0012 Bracket 2.0405.0020 Coupling Ring(For AM35 Motor)

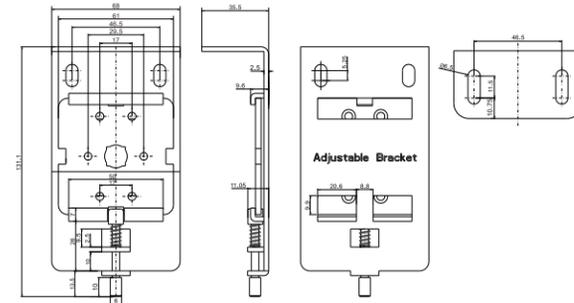
1.0404.0088 Bracket

Bracket

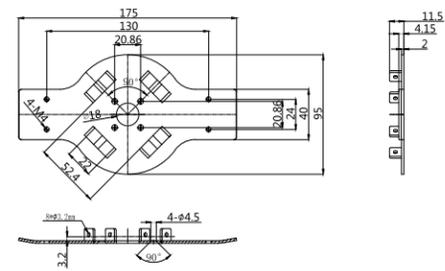
7.1000.0018 Adjustable Bracket



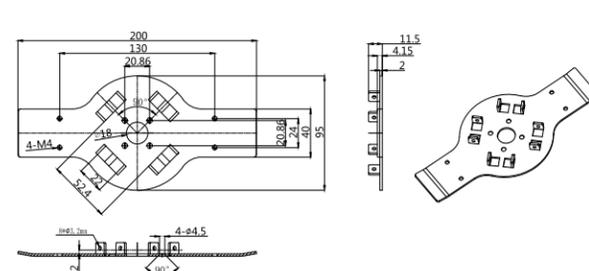
7.1000.0019 Adjustable Bracket



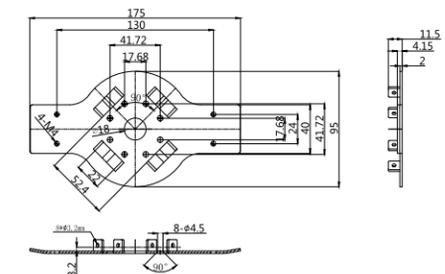
2.0404.0015 AM35 Motor Roller Shutter Door Bracket (Length 175mm)



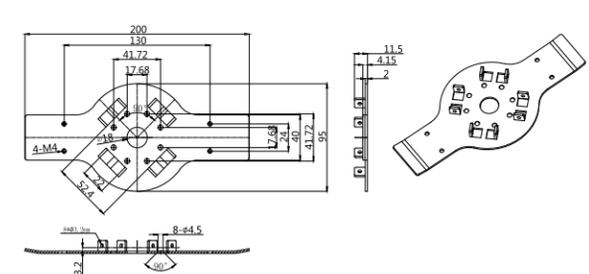
2.0404.0014 AM35 Motor Roller Shutter Door Bracket (Length 200mm)



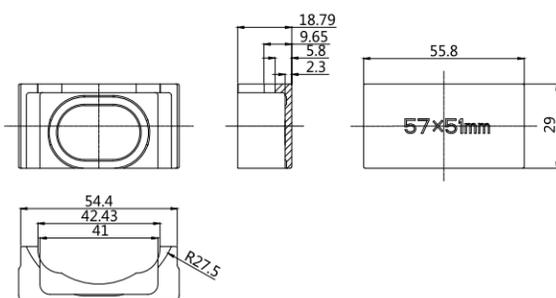
2.0405.0028 AM45 Motor Roller Shutter Door Bracket (Length 175mm)



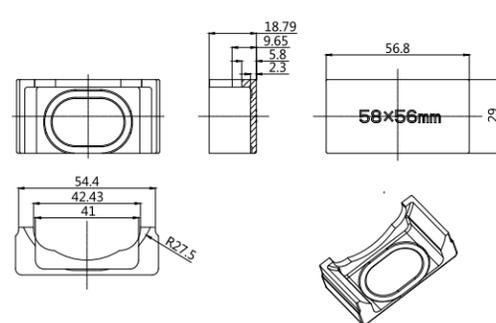
2.0405.0027 AM35 Motor Roller Shutter Door Bracket (Length 200mm)



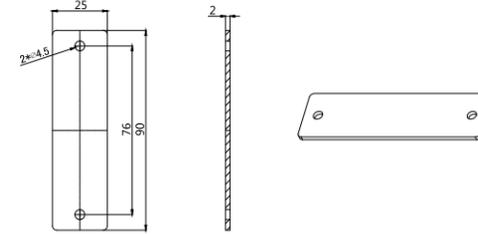
1.0406.0002 AM55 Outdoor Venetian Motor Damping Rubber (57\*51mm)



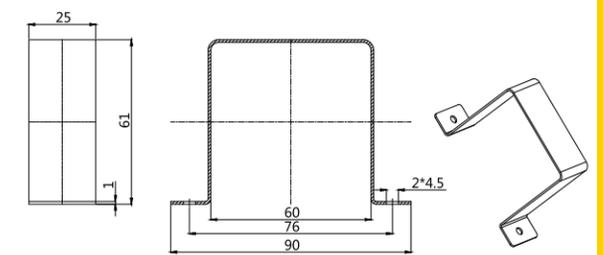
1.0406.0003 AM55 Outdoor Venetian Motor Damping Rubber (58\*56mm)



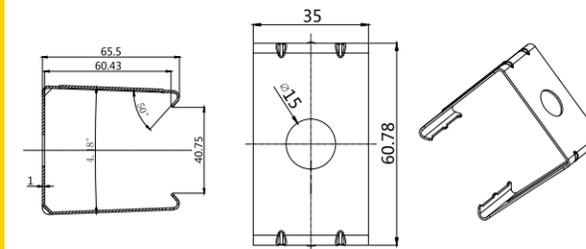
2.0406.0001 AM55 Outdoor Venetian Motor Fixing Bracket Gasket



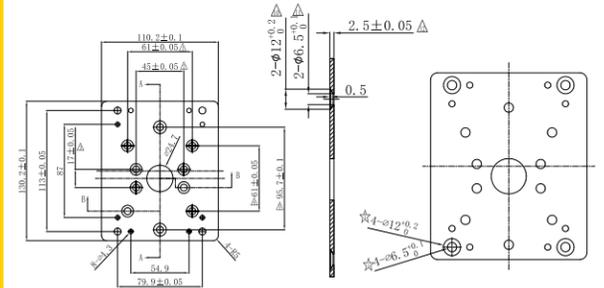
2.0406.0002 AM55 Outdoor Venetian Motor Fixing Bracket



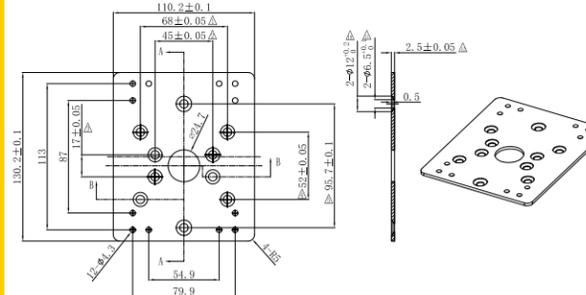
2.0406.0004 AM55 Outdoor Venetian Motor Fastening Bracket



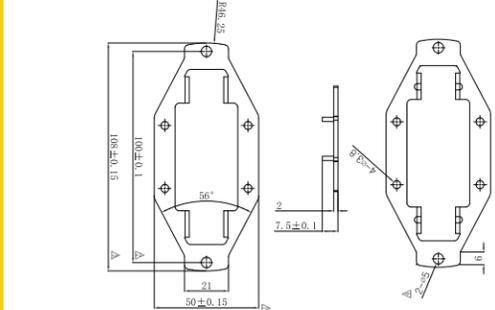
2.0400.0232 AM45/AM60 Hand-Override Motor Bracket Plate



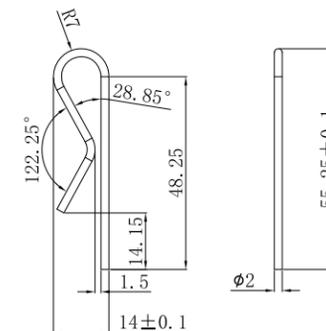
2.0400.0222 AM45/AM60 Hand-Override Motor Bracket Plate



2.0400.0220 AM60 Motor Bracket (For End Cover)



2.03.0892 AM35/AM45 Motor Bracket Clip



2.03.0893 AM35 Motor Shutter Bracket

